



Daily Science Review #1 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

You are designing an experiment to find out which type of frog can jump farther. Which is a controlled variable (variable that does not change) in this experiment?

- A. jumping distance
- B. type of frog
- C. color of the frog
- D. texture of the jumping surface

4.SI.C.3

Tuesday - Vocabulary Term of the Week

As it moves through glass, light can do which of the following?

- A. refract
- B. reflect
- C. release
- D. A and B

5.PS.F.5

Wednesday - Misconception of the Week

What is wrong with this statement?

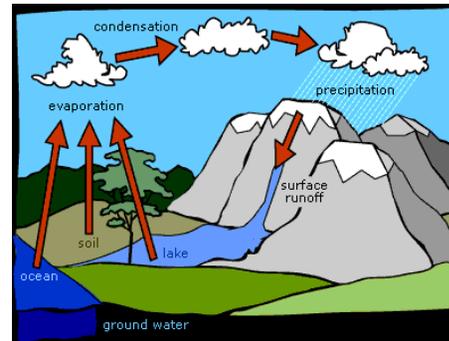
A beaver's dam is always beneficial to an ecosystem.

- A. There is nothing wrong with the statement.
- B. A beaver's dam can cause harm to other animals' habitats as it diverts water.
- C. A beaver's dam is never beneficial to an ecosystem.
- D. A beaver's dam is always detrimental to an ecosystem.

3.LS.C.6

Thursday - Graphic of the Week

What is this a model of?



- A. day and night
- B. the water cycle
- C. rock formation
- D. weather forecasting

4.ES.D.3



Daily Science Week in Review #1(GP1)

Name _____ Date _____

1. Light _____ and _____ as it moves through glass.
2. Changes in an ecosystem can be beneficial, neutral or _____.
3. Evaporation, condensation and _____ are a part of the water cycle.
4. Variables that do not change in an experiment are _____ variables.

Give one example of how a beaver's dam is beneficial to the ecosystem and one example of how it is detrimental. Use words and pictures to help explain your answers. Label all pictures.



Daily Science Review #2 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

You are measuring the distance (in cm) that a toy car travels down the school hallway. Which would be the best instrument to use?

- A. a centimeter ruler
- B. an inch ruler
- C. a yardstick
- D. a meter stick

4.SI.A.1

Tuesday - Vocabulary Term of the Week

Which organism goes through a metamorphic change in its life cycle?

- A. a frog
- B. a snake
- C. a human child
- D. a bird

3.LS.A.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Hawks, and other birds of prey, use their sharp talons to dig through the dirt to find worms.

- A. There is nothing wrong with this statement.
- B. Birds of prey use their sharp talons to grab its prey and tear its flesh.
- C. Birds of prey do not have sharp talons.
- D. Birds of prey use their sharp beaks to dig for worms.

4.LS.B.2

Thursday - Graphic of the Week



This diagram represents

- A. a food chain
- B. the transfer of energy
- C. a life cycle
- D. photosynthesis

3.LS.A.1



Daily Science Week in Review #2 (GP1)

Name _____ Date _____

1. Metamorphosis is a drastic _____ in appearance during a life cycle.
2. Animals have specific structures that ensure their _____.
3. Centimeters are a unit of measure in the _____.
4. The process that organisms go through from birth to death is their _____.

Draw a picture of an organism's life cycle. Label all pictures.



Daily Science Review #3 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

Jaime is conducting an experiment on seed growth. He is using two identical containers each having the same amount and type of seed. One container is watered with tap water and the other with sea water. Which of the following questions is testable in this scientific investigation?

- A Do beans need light in order to grow?
- B Can beans grow faster in groups of eight?
- C Does sea water affect bean growth?
- D How much water is needed for beans to grow?

4.SI.C.3

Tuesday - Vocabulary Term of the Week

If you leave chocolate near a window on a sunny day it will melt. This is an example of

- A. a chemical change
- B. metamorphosis
- C. a physical change
- D. a simple change

4.PS.A.1

Wednesday - Misconception of the Week

What is wrong with the following statement?
All pollutants are man-made.

- A. Pollutants are good for the environment.
- B. Water pollution is caused by dead fish.
- C. Dead organisms are dangerous pollutants.
- D. Volcanic eruptions cause natural pollutants.

3.ST.A.2

Thursday - Graphic of the Week

What is the most likely cause of the temperature change of these hands?



- A. Heat is produced by rubbing the hands together.
- B. The sun is really hot.
- C. The room is too hot.
- D. The person is holding a hot piece of metal.

4.PS.D.5



Daily Science Week in Review #3 (GP1)

Name _____ Date _____

1. Pollutants can be _____ or _____.
2. A(n) _____ is a possible explanation for an observation of scientific phenomena.
3. Friction can cause a change in _____.
4. When an object is changed but can return to its original state it has gone through a _____ change.

What hypothesis can you make about the affect that salt water will have on plant growth? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #4 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

You see cumulonimbus clouds in the west. What do you predict the weather will be?

- A. fair and sunny
- B. cloudy and warm
- C. stormy
- D. snowy

4.SI.B.2

Tuesday - Vocabulary Term of the Week

Plants need carbon dioxide for what process?

- A. photosynthesis
- B. decomposition
- C. energy transfer
- D. extinction

4.LS.B.2

Wednesday - Misconception of the Week

What is wrong with this statement?
If an object is transparent it is made of glass.

- A. There is nothing wrong with this statement.
- B. Plastic water bottles are transparent.
- C. All glass is transparent but not all transparent objects are glass.
- D. All glass is opaque.

4.PS.B.3

Thursday - Graphic of the Week



A



B

Which clouds are more likely to have rain associated with them?

- A. A – cirrus clouds
- B. B – cumulonimbus clouds
- C. neither A or B
- D. both A and B

4.ES.D.7



Daily Science Week in Review #4 (GP1)

Name _____ Date _____

1. Cumulonimbus clouds are a good predictor of _____ weather.
2. Photosynthesis requires the gas _____, water and sunlight to produce sugar.
3. _____ clouds have a wispy appearance.
4. Objects can be sorted based on their characteristics or _____.

What would you be able to observe in the sky that indicated there is a storm coming?
Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #5 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

Kayla collected 5 rocks on her field trip. Four out of the five rocks had fossils of seashells on them. She made a chart and asked her classmates about their rocks. Out of the 58 rocks collected 49 had seashell fossils. A reasonable explanation would be

- A. The class went to the ocean for their field trip.
- B. Someone put the rocks there.
- C. The area of their field trip was once an ocean.
- D. There is no reasonable explanation.

4.SK.C.2

Tuesday - Vocabulary Term of the Week

Harley cannot get his paper airplane to move horizontally. What solution would help his design problem?

- A. Throw the airplane out of a window.
- B. Use a weight on the front of the airplane.
- C. Use a larger sheet of paper.
- D. There is no solution for the design problem.

3.ST.B.5

Wednesday - Misconception of the Week

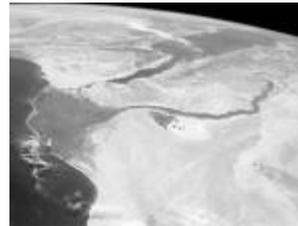
What is wrong with the following statement? ^{4.SK.C.2}
Gases are not matter because most are invisible.

- A. Gases are matter because they take up space whether they are visible or not.
- B. Only gases that are visible are matter.
- C. Gas has no shape so it is not matter.
- D. There is nothing wrong with the statement.

4.PS.B.4

Thursday - Graphic of the Week

What land form is pictured below?



- A. a valley
- B. a delta
- C. a glacier
- D. a river

4.ES.B.8



Daily Science Week in Review #5 (GP1)

Name _____ Date _____

1. A _____ is an area that is formed where a river flows into an ocean.
2. Blowing up a balloon shows that _____ take up space.
3. Analyzing data should lead to _____ explanations.
4. When there is a design problem, brainstorm possible _____ to the problem.

How is a delta formed? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

Day	Mon	Tues	Wed	Thurs	Fri
Temp	72°F	77°F	78°F	82°F	70°F

The following chart shows the temperature recorded by a 5TH grade classroom. Which process skill did they use to complete the chart?

- A. communicating findings
- B. defining operationally
- C. hypothesizing
- D. experimenting

3.SI.B.3

Tuesday - Vocabulary Term of the Week

Which instrument measures the speed of wind?

- A. a barometer
- B. a thermometer
- C. an anemometer
- D. a weather vane

4.ES.D.4

Wednesday - Misconception of the Week

What is wrong with the following statement?
All mammals give birth to live young.

- A. All mammals lay eggs.
- B. Most mammals give birth to live young.
- C. There is nothing wrong with the statement.
- D. All birds give birth to live young.

3.LS.B.3

Thursday - Graphic of the Week

Which direction did the snow over Ohio **most likely** come from?



- A. north
- B. south
- C. east
- D. west

4.ES.D.6



Daily Science Week in Review #6 (GP1)

Name _____ Date _____

1. An anemometer measures the _____ of wind.
2. Most of Ohio's weather comes from the _____.
3. The platypus and echidnas (spiny anteaters) are the only _____ that lays eggs.
4. Making charts is one way to _____ your findings.

You are collecting data on daily rainfall. How should you communicate your findings? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #7 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

Gerald wanted to do an experiment using Kool-Aid to water his plants. His guiding question is whether or not plants will grow using Kool-Aid.

Gerald says that the plants will grow.

- A. The bolded statement is a fact.
- B. The bolded statement is an opinion.
- C. The bolded statement is both a fact and opinion.
- D. The bolded statement is neither a fact nor an opinion.

4.SK.A.1

Tuesday - Vocabulary Term of the Week

Maya found a rock that is soft with flat layers and a fossil in it. What type of rock does she have?

- A. cement
- B. metamorphic
- C. igneous
- D. sedimentary

3.ES.C.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Soil with a lot of clay holds more water and nutrients.

- A. There is nothing wrong with this statement.
- B. Soil with a lot of silt holds more water and nutrients.
- C. Soil with a lot of sand holds more water and nutrients.
- D. All soil holds water equally as well.

3.ES.C.5

Thursday - Graphic of the Week



humus

topsoil

subsoil

parent material

Which part of this soil column is the oldest?

- A. humus
- B. topsoil
- C. subsoil
- D. parent material

3.ES.C.6



Daily Science Week in Review #7 (GP1)

Name _____ Date _____

1. _____ is the top layer of soil with decaying organic material.
2. The _____ of soil is determined by its sand, silt and/or clay content.
3. _____ rocks are formed by volcanic action.
4. A(n) _____ is a statement of a person's beliefs.

Write one fact about soil and one opinion about rocks. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #8 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

How can you find out the affect that computers have on learning?

- A. Observe a class where computers are used.
- B. Design an investigation around a question about computer use and learning.
- C. Ask your teacher.
- D. Write to the editor of your local paper.

3.ST.A.3

Tuesday - Vocabulary Term of the Week

How does water vapor form in the sky?

- A. It forms by condensation.
- B. It forms by precipitation.
- C. It forms by evaporation.
- D. There is no water vapor in the sky.

4.ES.D.2

Wednesday - Misconception of the Week

What is wrong with the following statement?
Animals help plants by carrying pollen to other species.

- A. There is nothing wrong with this statement.
- B. Animals help plants by carrying pollen to other like plants.
- C. Animals do not carry pollen
- D. Only birds can carry pollen.

4.LS.A.2

Thursday - Graphic of the Week

Which part of this plant helps carry nutrients to the other parts of the plant?



- A. stem
- B. petals
- C. flower
- D. fruit

4.LS.B.3



Daily Science Week in Review #8 (GP1)

Name _____ Date _____

1. The function of the leaves is to absorb _____ for producing food.
2. Water returns to the Earth in the form of _____.
3. Carrying pollen is one way that animals _____ with plants.
4. Designing a(n) _____ is one way to find out information and gather data.

Draw and label a plant with at least 4 structures.



Daily Science Review #9 (GP1)

Name _____ Date _____

Monday - Process Skill of the Week

Microscopes are needed to view all of the following except

- A. eye color
- B. skin cells
- C. flea structures
- D. atoms

3.SI.A.1

Tuesday - Vocabulary Term of the Week

Which organism cannot survive in an underwater ecosystem?

- A. a whale
- B. an earthworm
- C. an anemone
- D. a dolphin

3.LS.C.4

Wednesday - Misconception of the Week

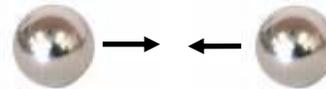
What is wrong with the following statement?
Mixing vinegar and baking soda is a physical change.

- A. There is nothing wrong with this statement.
- B. This is a chemical change.
- C. There will be no change.
- D. There will be a temporary change.

4.PS.A.2

Thursday - Graphic of the Week

What force must act on these steel balls to make them come together without touching them?



- A. inertia
- B. a push
- C. a pull
- D. magnetism



Daily Science Week in Review #9 (GP1)

Name _____ Date _____

1. A _____ change produces a new material with different properties than the original materials.
2. _____ is a non-contact force that affects the motion of an object.
3. An organisms needs must be met in the _____ that it lives in.
4. A(n) _____ is a tool that enables us to see small objects in more detail than the naked eye can.

Draw a picture of a contact force that affects the motion of an object. Label all pictures.



Daily Science Review #1 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You are designing an experiment to find out which type of frog can jump farther. Which is a controlled variable (variable that does not change) in this experiment?

- A. jumping distance
- B. type of frog
- C. color of the frog
- D. texture of the jumping surface**

4.SI.C.3

Tuesday - Vocabulary Term of the Week

As it moves through glass, light can do which of the following?

- A. refract
- B. reflect
- C. release
- D. A and B**

5.PS.F.5

Wednesday - Misconception of the Week

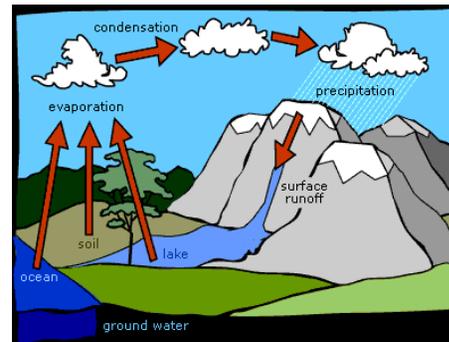
What is wrong with this statement?
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- C. A beaver's dam is never beneficial to an ecosystem.
- D. A beaver's dam is always detrimental to an ecosystem.

3.LS.C.6

Thursday - Graphic of the Week

What is this a model of?



- A. day and night
- B. the water cycle**
- C. rock formation
- D. weather forecasting

4.ES.D.3



Daily Science Week in Review #1(GP1)

Name _____ KEY _____ Date _____

1. Light _____ refracts _____ and _____ reflects _____ as it moves through glass.
2. Changes in an ecosystem can be beneficial, neutral or _____ detrimental _____.
3. Evaporation, condensation and _____ precipitation _____ are a part of the water cycle.
4. Variables that do not change in an experiment are _____ controlled _____ variables.

Give one example of how a beaver's dam is beneficial to the ecosystem and one example of how it is detrimental. Use words and pictures to help explain your answers. Label all pictures.



Daily Science Review #2 (GP1)

Name _____ **KEY** _____ Date _____

Monday - Process Skill of the Week

You are measuring the distance (in cm) that a toy car travels down the school hallway. Which would be the best instrument to use?

- A. a centimeter ruler
- B. an inch ruler
- C. a yardstick
- D. a meter stick**

4.SI.A.1

Tuesday - Vocabulary Term of the Week

Which organism goes through a metamorphic change in its life cycle?

- A. a frog**
- B. a snake
- C. a human child
- D. a bird

3.LS.A.1

Wednesday - Misconception of the Week

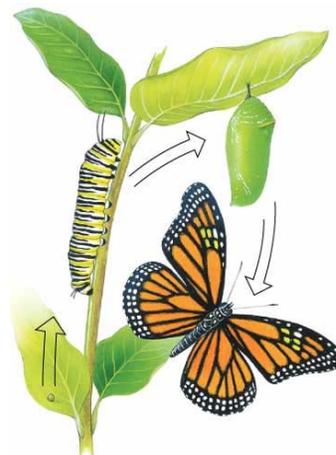
What is wrong with this statement?

Hawks, and other birds of prey, use their sharp talons to dig through the dirt to find worms.

- A. There is nothing wrong with this statement.
- B. Birds of prey use their sharp talons to grab its prey and tear its flesh.**
- C. Birds of prey do not have sharp talons.
- D. Birds of prey use their sharp beaks to dig for worms.

4.LS.B.2

Thursday - Graphic of the Week



This diagram represents

- A. a food chain
- B. the transfer of energy
- C. a life cycle**
- D. photosynthesis

3.LS.A.1



Daily Science Week in Review #2 (GP1)

Name _____ KEY _____ Date _____

1. Metamorphosis is a drastic _____ change _____ in appearance during a life cycle.
2. Animals have specific structures that ensure their _____ survival _____.
3. Centimeters are a unit of measure in the _____ metric system _____.
4. The process that organisms go through from birth to death is their _____ life cycle _____.

Draw a picture of an organism's life cycle. Label all pictures.



Daily Science Review #3 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Jaime is conducting an experiment on seed growth. He is using two identical containers each having the same amount and type of seed. One container is watered with tap water and the other with sea water. Which of the following questions is testable in this scientific investigation?

- A Do beans need light in order to grow?
- B Can beans grow faster in groups of eight?
- C **Does sea water affect bean growth?**
- D How much water is needed for beans to grow?

4.SI.C.3

Tuesday - Vocabulary Term of the Week

If you leave chocolate near a window on a sunny day it will melt. This is an example of

- A. a chemical change
- B. metamorphosis
- C. **a physical change**
- D. a simple change

4.PS.A.1

Wednesday - Misconception of the Week

What is wrong with the following statement?
All pollutants are man-made.

- A. Pollutants are good for the environment.
- B. Water pollution is caused by dead fish.
- C. Dead organisms are dangerous pollutants.
- D. **Volcanic eruptions cause natural pollutants.**

3.ST.A.2

Thursday - Graphic of the Week

What is the most likely cause of the temperature change of these hands?



- A. **Heat is produced by rubbing the hands together.**
- B. The sun is really hot.
- C. The room is too hot.
- D. The person is holding a hot piece of metal.

4.PS.D.5



Daily Science Week in Review #3 (GP1)

Name _____ KEY _____ Date _____

1. Pollutants can be _____ natural _____ or man-made _____.
2. A(n) _____ hypothesis _____ is a possible explanation for an observation of scientific phenomena.
3. Friction can cause a change in _____ temperature _____.
4. When an object is changed but can return to its original state it has gone through a _____ physical _____ change.

What hypothesis can you make about the affect that salt water will have on plant growth? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #4 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You see cumulonimbus clouds in the west. What do you predict the weather will be?

- A. fair and sunny
- B. cloudy and warm
- C. **stormy**
- D. snowy

4.SI.B.2

Tuesday - Vocabulary Term of the Week

Plants need carbon dioxide for what process?

- A. **photosynthesis**
- B. decomposition
- C. energy transfer
- D. extinction

4.LS.B.2

Wednesday - Misconception of the Week

What is wrong with this statement?
If an object is transparent it is made of glass.

- A. There is nothing wrong with this statement.
- B. **Plastic water bottles are transparent.**
- C. All glass is transparent but not all transparent objects are glass.
- D. All glass is opaque.

4.PS.B.3

Thursday - Graphic of the Week



A



B

Which clouds are more likely to have rain associated with them?

- A. A – cirrus clouds
- B. **B – cumulonimbus clouds**
- C. neither A or B
- D. both A and B

4.ES.D.7



Daily Science Week in Review #4 (GP1)

Name _____ KEY _____ Date _____

1. Cumulonimbus clouds are a good predictor of _____ stormy _____ weather.
2. Photosynthesis requires the gas _____ carbon dioxide _____, water and sunlight to produce sugar.
3. _____ Cirrus _____ clouds have a wispy appearance.
4. Objects can be sorted based on their characteristics or _____ properties _____.

What would you be able to observe in the sky that indicated there is a storm coming?
Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #5 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Kayla collected 5 rocks on her field trip. Four out of the five rocks had fossils of seashells on them. She made a chart and asked her classmates about their rocks. Out of the 58 rocks collected 49 had seashell fossils. A reasonable explanation would be

- A. The class went to the ocean for their field trip.
- B. Someone put the rocks there.
- C. **The area of their field trip was once an ocean.**
- D. There is no reasonable explanation.

4.SK.C.2

Tuesday - Vocabulary Term of the Week

Harley cannot get his paper airplane to move horizontally. What solution would help his design problem?

- A. Throw the airplane out of a window.
- B. **Use a weight on the front of the airplane.**
- C. Use a larger sheet of paper.
- D. There is no solution for the design problem.

3.ST.B.5

Wednesday - Misconception of the Week

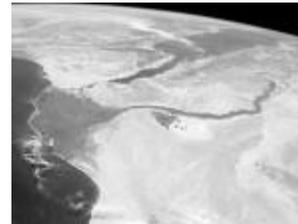
What is wrong with the following statement? ^{4.SK.C.2}
Gases are not matter because most are invisible.

- A. **Gases are matter because they take up space whether they are visible or not.**
- B. Only gases that are visible are matter.
- C. Gas has no shape so it is not matter.
- D. There is nothing wrong with the statement.

4.PS.B.4

Thursday - Graphic of the Week

What land form is pictured below?



- A. a valley
- B. **a delta**
- C. a glacier
- D. a river

4.ES.B.8



Daily Science Week in Review #5 (GP1)

Name _____ KEY _____ Date _____

1. A delta is an area that is formed where a river flows into an ocean.
2. Blowing up a balloon shows that gas take up space.
3. Analyzing data should lead to reasonable explanations.
4. When there is a design problem, brainstorm possible solutions to the problem.

How is a delta formed? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Day	Mon	Tues	Wed	Thurs	Fri
Temp	72°F	77°F	78°F	82°F	70°F

The following chart shows the temperature recorded by a 5TH grade classroom. Which process skill did they use to complete the chart?

- A. **communicating findings**
- B. defining operationally
- C. hypothesizing
- D. experimenting

3.SI.B.3

Tuesday - Vocabulary Term of the Week

Which instrument measures the speed of wind?

- A. a barometer
- B. a thermometer
- C. **an anemometer**
- D. a weather vane

4.ES.D.4

Wednesday - Misconception of the Week

What is wrong with the following statement?
All mammals give birth to live young.

- A. All mammals lay eggs.
- B. **Most mammals give birth to live young.**
- C. There is nothing wrong with the statement.
- D. All birds give birth to live young.

3.LS.B.3

Thursday - Graphic of the Week

Which direction did the snow over Ohio **most likely** come from?



- A. north
- B. south
- C. east
- D. **west**

4.ES.D.6



Daily Science Week in Review #6 (GP1)

Name _____ KEY _____ Date _____

1. An anemometer measures the _____ speed _____ of wind.
2. Most of Ohio's weather comes from the _____ west _____.
3. The platypus and echidnas (spiny anteaters) are the only _____ mammals _____ that lays eggs.
4. Making charts is one way to _____ communicate _____ your findings.

You are collecting data on daily rainfall. How should you communicate your findings? Use words and/or pictures to explain your answer. Label all pictures.



Daily Science Review #7 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Gerald wanted to do an experiment using Kool-Aid to water his plants. His guiding question is whether or not plants will grow using Kool-Aid.

Gerald says that the plants will grow.

- A. The bolded statement is a fact.
- B. **The bolded statement is an opinion.**
- C. The bolded statement is both a fact and opinion.
- D. The bolded statement is neither a fact nor an opinion.

4.SK.A.1

Tuesday - Vocabulary Term of the Week

Maya found a rock that is soft with flat layers and a fossil in it. What type of rock does she have?

- A. cement
- B. metamorphic
- C. igneous
- D. **sedimentary**

3.ES.C.1

Wednesday - Misconception of the Week

What Is wrong with this statement?

Soil with a lot of clay holds more water and nutrients.

- A. **There is nothing wrong with this statement.**
- B. Soil with a lot of silt holds more water and nutrients.
- C. Soil with a lot of sand holds more water and nutrients.
- D. All soil holds water equally as well.

3.ES.C.5

Thursday - Graphic of the Week



humus

topsoil

subsoil

parent material

Which part of this soil column is the oldest?

- A. humus
- B. topsoil
- C. subsoil
- D. **parent material**

3.ES.C.6



Daily Science Week in Review #7 (GP1)

Name _____ KEY _____ Date _____

1. Humus is the top layer of soil with decaying organic material.
2. The texture of soil is determined by its sand, silt and/or clay content.
3. Igneous rocks are formed by volcanic action.
4. A(n) opinion is a statement of a person's beliefs.

Write one fact about soil and one opinion about rocks. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #8 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

How can you find out the affect that computers have on learning?

- A. Observe a class where computers are used.
- B. Design an investigation around a question about computer use and learning.**
- C. Ask your teacher.
- D. Write to the editor of your local paper.

3.ST.A.3

Tuesday - Vocabulary Term of the Week

How does water vapor form in the sky?

- A. It forms by condensation.**
- B. It forms by precipitation.
- C. It forms by evaporation.
- D. There is no water vapor in the sky.

4.ES.D.2

Wednesday - Misconception of the Week

What is wrong with the following statement?
Animals help plants by carrying pollen to other species.

- A. There is nothing wrong with this statement.
- B. Animals help plants by carrying pollen to other like plants.**
- C. Animals do not carry pollen
- D. Only birds can carry pollen.

4.LS.A.2

Thursday - Graphic of the Week

Which part of this plant helps carry nutrients to the other parts of the plant?



- A. stem**
- B. petals
- C. flower
- D. fruit

4.LS.B.3



Daily Science Week in Review #8 (GP1)

Name _____ KEY _____ Date _____

1. The function of the leaves is to absorb _____ sunlight _____ for producing food.
4. Water returns to the Earth in the form of _____ precipitation _____.
5. Carrying pollen is one way that animals _____ interact _____ with plants.
4. Designing a(n) _____ investigation _____ is one way to find out information and gather data.

Draw and label a plant with at least 4 structures.



Daily Science Review #9 (GP1)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Microscopes are needed to view all of the following except

- A. eye color
- B. skin cells
- C. flea structures
- D. atoms

3.SI.A.1

Tuesday - Vocabulary Term of the Week

Which organism cannot survive in an underwater ecosystem?

- A. a whale
- B. an earthworm
- C. an anemone
- D. a dolphin

3.LS.C.4

Wednesday - Misconception of the Week

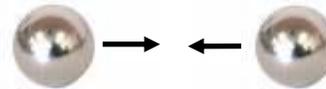
What is wrong with the following statement?
Mixing vinegar and baking soda is a physical change.

- A. There is nothing wrong with this statement.
- B. This is a chemical change.
- C. There will be no change.
- D. There will be a temporary change.

4.PS.A.2

Thursday - Graphic of the Week

What force must act on these steel balls to make them come together without touching them?



- A. inertia
- B. a push
- C. a pull
- D. magnetism



Daily Science Week in Review #9 (GP1)

Name _____ KEY _____ Date _____

5. A _____ chemical _____ change produces a new material with different properties than the original materials.
6. _____ Magnetism or gravity _____ is a non-contact force that affects the motion of an object.
7. An organisms needs must be met in the _____ ecosystem _____ that it lives in.
8. A(n) _____ microscope _____ is a tool that enables us to see small objects in more detail than the naked eye can.

Draw a picture of a contact force that affects the motion of an object. Label all pictures.



Daily Science Review #1 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week



Which pieces of laboratory equipment shown above are used for safety?

- A. 1 and 2
- B. 3 and 5
- C. 3 and 4
- D. 4 and 6

4.SI.A.1

Tuesday - Vocabulary Term of the Week

In an ecosystem, the sun, air, water and soil are

- A. antibiotics
- B. biotics
- C. abiotics
- D. non-renewable

5.LS.C.4

Wednesday - Misconception of the Week

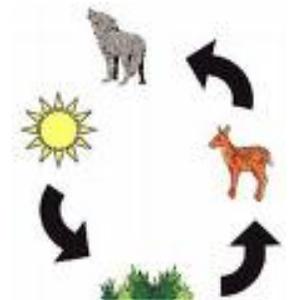
What is wrong with the following statement?
The movement of the sun causes day and night.

- A. The sun doesn't move around the Earth
- B. The rotation of the Earth causes day and night.
- C. The orbit of the Earth causes day and night.
- D. A and B

5.ES.A.1

Thursday - Graphic of the Week

The carnivore in this food chain is the



- A. sun
- B. grass
- C. deer
- D. wolf

5.LS.B.3



Daily Science Review Week in #1 (GP2)

Name _____ Date _____

1. In an ecosystem, sun, air, water and soil are _____.
2. The _____ of the Earth causes day and night.
3. _____ are animals that eat other animals.
4. _____ provide protection for your eyes during a science investigation.

Draw a simple food chain. Use arrows to indicate the transfer of energy. Label all pictures.



Daily Science Review #2 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

Maria is setting up an experiment with two plants to see if fertilizer increases the growth rate of plants. Which variables should stay the same?

- A. the type of fertilizer
- B. the type of plants
- C. the amount of water
- D. all of the above

5.SI.C.4

Tuesday - Vocabulary Term of the Week

Animals use mimicry to

- A. reproduce
- B. to protect themselves from predators
- C. for entertainment
- D. assist metamorphosis

3.LS.B.2

Wednesday - Misconception of the Week

What is wrong with this statement?
Almost all kinds of animals' food can be traced back to animals.

- A. There is nothing wrong with the statement.
- B. Not all animals are carnivorous.
- C. Animals do not eat other animals.
- D. You cannot trace an animal's food source.

5.LS.B.2

Thursday - Graphic of the Week



This graphic indicates that robins do not live in Canada and some parts of the northern United States during the winter. Why do robins migrate south?

- A. There is no shelter for them up north.
- B. They are looking for water.
- C. The availability of food is scarce.
- D. They do not adapt to the cold.

5.LS.C.5



Daily Science Review Week in #2 (GP2)

Name _____ Date _____

1. Animals _____ when food sources become scarce.
2. Most animals' food source can be traced back to _____.
3. In an experiment, most _____ remain the same to provide a fair experiment.
4. Animals may use camouflage or _____ to protect themselves from predators.

In the northern part of North America, the weather becomes cold and animals must adapt to the temperature change. Name two adaptations or behaviors that animals use during colder months.



Daily Science Review #3 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

Jaleel wants to know if he can change the drying time of puddles on his driveway. Which of the following tools will help him in this investigation?

- A. a thermometer
- B. a microscope
- C. a tape measure
- D. a stopwatch

5.SI.A.1

Tuesday - Vocabulary Term of the Week

As the hawk population increases in an ecosystem the population of deer mouse will most likely decrease due to

- A. the deer mouse lacking in food source.
- B. the deer mouse being exposed to disease.
- C. the deer mouse being prey of the hawks.
- D. the deer mouse moving to a safer location.

5.LS.C.5

Wednesday - Misconception of the Week

A scientist is studying how weather and erosion can change the shape of a mountain. The scientist will need to collect this information over what kind of time period to gather the MOST accurate data?

- A. days
- B. years
- C. weeks
- D. months

4.ES.B.10

Thursday - Graphic of the Week



Groundhogs have underground burrows like the one in this picture. If this burrow was in an ecosystem where there were snakes, what type of change would it be for the snake?

- A. detrimental
- B. neutral
- C. beneficial
- D. partisan

5.LS.C.6



Daily Science Review Week in #3 (GP2)

Name _____ Date _____

1. Groundhog burrows can be _____ to snakes because snakes cannot dig and need shelter.
2. _____ is a slow change of the Earth's surface.
3. Selecting the right _____ for an investigation is necessary for accuracy.
4. Populations in a(n) _____ are dependent upon each other for energy.

Describe two slow changes of Earth's surface. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #4 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

Lab partners measured the same plant during science. The first partner measured the plant at 10cm. The second partner came up with a measurement of 4. What is the most likely reason for the discrepancy?

- A. The second partner measured in inches.
- B. A partner measured the wrong plant.
- C. The plant was broken by the first partner.
- D. They measured the plant on different days.

5.SI.B.2

Tuesday - Vocabulary Term of the Week

What natural process causes the weathering of rock?

- A. rain
- B. hurricanes
- C. freezing and thawing
- D. landslides

4.ES.B.9

Wednesday - Misconception of the Week

What is wrong with this statement?
The major role of a producer in an ecosystem is to produce sugar (food) through photosynthesis.

- A. There is nothing wrong with this statement.
- B. Producers breakdown dead plants and animals.
- C. They transfer energy to the soil.
- D. They are an abiotic and do not produce sugar.

5.LS.B.1

Thursday - Graphic of the Week

Is the largest visible star in the picture (circled) the closest star?



- A. No, but it is the largest star.
- B. It is impossible to tell from the picture.
- C. Yes, it is the closest because it is the largest.
- D. No, the sun is the largest star.

5.ES.A.4



Daily Science Review Week in #4 (GP2)

Name _____ Date _____

1. Freezing and thawing are types of _____.
2. _____ make their own food in an ecosystem.
3. The _____ of a star cannot be determined by the naked eye.
4. Scientists must clearly communicate their methods and findings to ensure _____ results.

Freezing and thawing is a slow process to change the Earth's surface. Name one fast process that changes the Earth's surface.



Daily Science Review #5 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

In class, Jaleesha is having a hard time pulling her seat closer to the table. Which solution is the most likely to work?

- A. She can put sandpaper on the bottom of the chair legs to duce friction.
- B. She can put tennis balls on the bottom of the chair legs to reduce friction.
- C. She can put sandpaper on the bottom of the legs to increase friction.
- D. She can put tennis balls on the bottom of the legs to increase friction.

3.ST.B.4

Tuesday - Vocabulary Term of the Week

Deciduous trees are trees that

- stay green all year long.
- have pinecones.
- lose their leaves in the fall.
- grow only in the tundra.

4.LS.B.3

Wednesday - Misconception of the Week

What is wrong with this statement?

Bioluminescence is light produced by a chemical reaction within an organism that only protects it from predators.

- A. There is nothing wrong with this statement.
- B. It also helps with communication and finding a mate.
- C. It only helps in communication.
- D. It only helps in finding a mate.

3.LS.B.2

Thursday - Graphic of the Week



How is this squirrel interacting with plants?

- A. It is helping disperse seeds from trees.
- B. It is giving shelter to trees.
- C. It is providing food for trees.
- D. The squirrel is not interacting with plants.



Daily Science Review Week in #5 (GP2)

Name _____ Date _____

1. Trees that lose their leaves during the year are called _____.
2. Some animals interact with plants by _____ their seeds.
3. The design process helps to come up with solutions to _____.
4. Some organisms have _____ like bioluminescence to assist in its survival.

What summer beetle uses bioluminescence? What do you think the purpose of this adaptation is? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

Charlie was observing his dog's behavior during feeding time to see what kind of food the dog liked best. What should Charlie do with his observations in order to accurately analyze his finding?

- A. Tell a friend what he's doing.
- B. Keep a journal with all of his observations.
- C. Write down random ideas about his observations.
- D. Just keep observing.

3.SI.B.5

Tuesday - Vocabulary Term of the Week

The Earth's orbit is not quite circular. We call this a(an)

- A. egg orbit.
- B. cylindrical orbit.
- C. round orbit.
- D. elliptical orbit.

5.ES.A.3

Wednesday - Misconception of the Week

What is wrong with this statement?

The sun is the largest star in the universe.

- A. There is nothing wrong with this statement.
- B. The sun is a medium-sized star with larger stars in the universe.
- C. The sun is the largest star in the galaxy.
- D. The sun is not a star.

Thursday - Graphic of the Week



Which layer is the youngest?

- A. 1
- B. 7
- C. 4
- D. 5

3.ES.C.2



Daily Science Review Week in #6 (GP2)

Name _____ Date _____

1. The Earth's _____ around the sun is elliptical.
2. Rocks can be found in _____ and provide evidence of their age.
3. The _____ is the only star in our solar system.
4. Journals are an excellent place to record _____.

Construct a chart that shows the temperature over 5 days. Be sure to use labels on your chart.



Daily Science Review #7 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

A 5th grade class is doing an investigation of signs of wildlife in the bushes on the playground. What precautions should the class take to have a safe investigation?

- A. They should wear safety goggles and gloves.
- B. They should wear fireproof clothing.
- C. They should let adults do the investigation.
- D. There are no potential hazards.

5.SI.C.5

Tuesday - Vocabulary Term of the Week

Meteorologists use which tool to measure air pressure?

- A. a barometer
- B. a thermometer
- C. a rain gauge
- D. an anemometer

4.ES.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?
Bats are birds because they have wings.

- A. There is nothing wrong with this statement.
- B. Bats are reptiles.
- C. Bats are the only mammals that can fly.
- D. Bats are birds because they fly.

5.LS.B.3

Thursday - Graphic of the Week

Ways to reducing the use of non-renewable resources	
carpool to practice	wear more clothes inside during the winter
ride your bicycle to practice	

Which word will complete this table?

- A. compost grass clippings
- B. use a solar-powered calculator
- C. walk to school instead of getting a ride
- D. water the lawn in the morning

5.ES.C.5



Daily Science Review Week in #7 (GP2)

Name _____ Date _____

1. A barometer measures _____ in inches of mercury (in/Hg).
2. Fossil fuels are a _____ resource.
3. Bats are _____ that can fly.
4. It is important to protect yourself with _____ equipment during science investigations.

You are conducting a science investigation that requires fire. Name two safety precautions that you can use during the investigation?



Daily Science Review #8 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

Helena and Ari were recording the daily temperature and then finding a weekly average. Helena found that the weekly average was 76° and Ari found that it was 80°. What is MOST likely the reason for the difference?

- A. They took the temperature at different times of the day.
- B. One measured in C° and the other in F°.
- C. They made up their data.
- D. 4° is not a big discrepancy.

5.SI.C.6

Tuesday - Vocabulary Term of the Week

76°	80°	81°	81°	83°
-----	-----	-----	-----	-----

Joel took these temperature measurements last week. He can describe his findings as

- A. a warming trend
- B. a cold front moving in
- C. the start of spring
- D. a cooling trend

4.E.S.D.6

Wednesday - Misconception of the Week

What is wrong with this statement?

Plants are not strong enough to breakdown rock.

- A. There is nothing wrong with this statement.
- B. Plants can breakdown rocks into smaller rocks over time.
- C. Only sedimentary rocks can be broken down by plants.
- D. Only metamorphic rock can be broken down by plants.

3.E.S.C.3

Thursday - Graphic of the Week



How can we maintain our freshwater supply?

- A. We can recycle old newspapers.
- B. We can reuse our aluminum foil.
- C. We can reduce the use of water in our homes.
- D. We cannot maintain our freshwater supply.

5.E.S.D.6



Daily Science Review Week in #8 (GP2)

Name _____ Date _____

1. When analyzing similar data taken by different people, it is important to justify any _____.
2. Larger rocks can be broken down into _____ rocks by plants over time.
3. Reducing the amount of water we use by _____ can help maintain the resource.
4. After collecting and analyzing data, you should be able to come up with a reasonable _____ about the data.

Describe at least two ways that you can reduce the amount of water you use. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #9 (GP2)

Name _____ Date _____

Monday - Process Skill of the Week

When threatened, an octopus can change color to blend in with its surroundings. Which question could scientists use to study this behavior?

- A. How big does an octopus get?
- B. What colors can the octopus change to when threatened?
- C. What happens when a natural predator swims near the octopus?
- D. How does the octopus produce a white color on the front of its body?

4.SI.C.3

Tuesday - Vocabulary Term of the Week

When examining soil you may find all of the following EXCEPT

- A. small rocks
- B. decomposed plant parts
- C. decomposed animal parts
- D. large rocks

3.ES.C.4

Wednesday - Misconception of the Week

What is wrong with this statement?

Cumulonimbus clouds are tall and dense and can bring thunderstorms.

- A. There is nothing wrong with this statement.
- B. Cumulus clouds bring thunderstorms.
- C. Cumulonimbus clouds are wispy, high level clouds.
- D. Stratus clouds bring thunderstorms.

4.ES.D.7

Thursday - Graphic of the Week

Transparent hairs



black skin

Wide paws

Polar bears are well suited for the arctic ecosystem due to their physical adaptations. Their black skin provides

- A. camouflage in warmer weather.
- B. a way to cool down in warmer weather.
- C. a way to warm themselves in cold weather.
- D. camouflage in colder weather.

5.LS.C.4



Daily Science Review Week in #9 (GP2)

Name _____ Date _____

1. Small rocks and decomposed plant and animal parts make up _____.
2. Thunderstorms are characteristic of _____ clouds.
3. Black skin to absorb heat and wide paws to assist in swimming and navigating the snow and ice are two _____ that make the arctic region a good ecosystem for polar bears.
4. when studying phenomena, scientists develop _____ to guide them.

If you were studying the sleeping habits of cats, what would be a good guiding question?



Daily Science Review #1 (GP2)

Name _____ **KEY** _____ Date _____

Monday - Process Skill of the Week



Which pieces of laboratory equipment shown above are used for safety?

- A. 1 and 2
- B. 3 and 5
- C. 3 and 4
- D. 4 and 6

4.SI.A.1

Tuesday - Vocabulary Term of the Week

In an ecosystem, the sun, air, water and soil are

- A. antibiotics
- B. biotics
- C. **abiotics**
- D. non-renewable

5.LS.C.4

Wednesday - Misconception of the Week

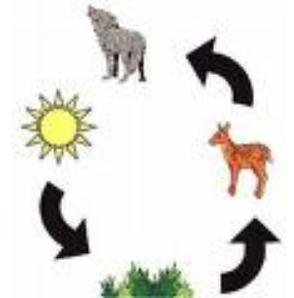
What is wrong with the following statement?
The movement of the sun causes day and night.

- A. The sun doesn't move around the Earth
- B. **The rotation of the Earth causes day and night.**
- C. The orbit of the Earth causes day and night.
- D. A and B

5.ES.A.1

Thursday - Graphic of the Week

The carnivore in this food chain is the



- A. sun
- B. grass
- C. deer
- D. **wolf**

5.LS.B.3



Daily Science Review Week in #1 (GP2)

Name _____ KEY _____ Date _____

1. In an ecosystem, sun, air, water and soil are _____ abiotics _____.
2. The _____ rotation _____ of the Earth causes day and night.
3. _____ Carnivores _____ are animals that eat other animals.
4. _____ Goggles _____ provide protection for your eyes during a science investigation.

Draw a simple food chain. Use arrows to indicate the transfer of energy. Label all pictures.



Daily Science Review #2 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Maria is setting up an experiment with two plants to see if fertilizer increases the growth rate of plants. Which variables should stay the same?

- A. the type of fertilizer
- B. the type of plants
- C. the amount of water
- D. all of the above

5.SI.C.4

Tuesday - Vocabulary Term of the Week

Animals use mimicry to

- A. reproduce
- B. to protect themselves from predators
- C. for entertainment
- D. assist metamorphosis

3.LS.B.2

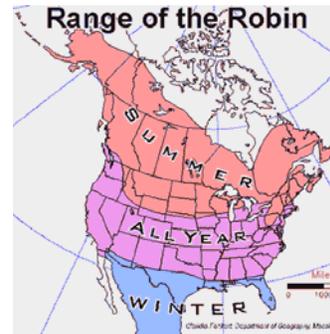
Wednesday - Misconception of the Week

What is wrong with this statement?
Almost all kinds of animals' food can be traced back to animals.

- A. There is nothing wrong with the statement.
- B. Not all animals are carnivorous.
- C. Animals do not eat other animals.
- D. You cannot trace an animal's food source.

5.LS.B.2

Thursday - Graphic of the Week



This graphic indicates that robins do not live in Canada and some parts of the northern United States during the winter. Why do robins migrate south?

- A. There is no shelter for them up north.
- B. They are looking for water.
- C. The availability of food is scarce.
- D. They do not adapt to the cold.

5.LS.C.5



Daily Science Review Week in #2 (GP2)

Name _____ KEY _____ Date _____

1. Animals ____ migrate ____ when food sources become scarce.
2. Most animals' food source can be traced back to ____ plants ____.
3. In an experiment, most ____ variables ____ remain the same to provide a fair experiment.
4. Animals may use camouflage or ____ mimicry ____ to protect themselves from predators.

In the northern part of North America, the weather becomes cold and animals must adapt to the temperature change. Name two adaptations or behaviors that animals use during colder months.



Daily Science Review #3 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Jaleel wants to know if he can change the drying time of puddles on his driveway. Which of the following tools will help him in this investigation?

- A. a thermometer
- B. a microscope
- C. a tape measure
- D. a stopwatch

5.SI.A.1

Tuesday - Vocabulary Term of the Week

As the hawk population increases in an ecosystem the population of deer mouse will most likely decrease due to

- A. the deer mouse lacking in food source.
- B. the deer mouse being exposed to disease.
- C. the deer mouse being prey of the hawks.
- D. the deer mouse moving to a safer location.

5.LS.C.5

Wednesday - Misconception of the Week

A scientist is studying how weather and erosion can change the shape of a mountain. The scientist will need to collect this information over what kind of time period to gather the MOST accurate data?

- A. days
- B. years
- C. weeks
- D. months

4.ES.B.10

Thursday - Graphic of the Week



Groundhogs have underground burrows like the one in this picture. If this burrow was in an ecosystem where there were snakes, what type of change would it be for the snake?

- A. detrimental
- B. neutral
- C. beneficial
- D. partisan

5.LS.C.6



Daily Science Review Week in #3 (GP2)

Name _____ KEY _____ Date _____

1. Groundhog burrows can be _____ beneficial _____ to snakes because snakes cannot dig and need shelter.
2. _____ Weathering _____ is a slow change of the Earth's surface.
3. Selecting the right _____ tool _____ for an investigation is necessary for accuracy.
4. Populations in a(n) _____ ecosystem _____ are dependent upon each other for energy.

Describe two slow changes of Earth's surface. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #4 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Lab partners measured the same plant during science. The first partner measured the plant at 10cm. The second partner came up with a measurement of 4. What is the most likely reason for the discrepancy?

- A. The second partner measured in inches.
- B. A partner measured the wrong plant.
- C. The plant was broken by the first partner.
- D. They measured the plant on different days.

5.SI.B.2

Tuesday - Vocabulary Term of the Week

What natural process causes the weathering of rock?

- A. rain
- B. hurricanes
- C. freezing and thawing
- D. landslides

4.ES.B.9

Wednesday - Misconception of the Week

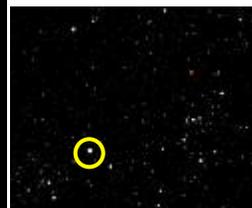
What is wrong with this statement?
The major role of a producer in an ecosystem is to produce sugar (food) through photosynthesis.

- A. There is nothing wrong with this statement.
- B. Producers breakdown dead plants and animals.
- C. They transfer energy to the soil.
- D. They are an abiotic and do not produce sugar.

5.LS.B.1

Thursday - Graphic of the Week

Is the largest visible star in the picture (circled) the closest star?



- A. No, but it is the largest star.
- B. It is impossible to tell from the picture.
- C. Yes, it is the closest because it is the largest.
- D. No, the sun is the largest star.

5.ES.A.4



Daily Science Review Week in #4 (GP2)

Name _____ KEY _____ Date _____

1. Freezing and thawing are types of weathering.
2. Producers make their own food in an ecosystem.
3. The size of a star cannot be determined by the naked eye.
4. Scientists must clearly communicate their methods and findings to ensure accurate results.

Freezing and thawing is a slow process to change the Earth's surface. Name one fast process that changes the Earth's surface.



Daily Science Review #5 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

In class, Jaleesha is having a hard time pulling her seat closer to the table. Which solution is the most likely to work?

- A. She can put sandpaper on the bottom of the chair legs to duce friction.
- B. She can put tennis balls on the bottom of the chair legs to reduce friction.**
- C. She can put sandpaper on the bottom of the legs to increase friction.
- D. She can put tennis balls on the bottom of the legs to increase friction.

3.ST.B.4

Tuesday - Vocabulary Term of the Week

Deciduous trees are trees that

- stay green all year long.
- have pinecones.
- lose their leaves in the fall.**
- grow only in the tundra.

4.LS.B.3

Wednesday - Misconception of the Week

What is wrong with this statement?

Bioluminescence is light produced by a chemical reaction within an organism that only protects it from predators.

- A. There is nothing wrong with this statement.
- B. It also helps with communication and finding a mate.**
- C. It only helps in communication.
- D. It only helps in finding a mate.

3.LS.B.2

Thursday - Graphic of the Week



How is this squirrel interacting with plants?

- A. It is helping disperse seeds from trees.**
- B. It is giving shelter to trees.
- C. It is providing food for trees.
- D. The squirrel is not interacting with plants.



Daily Science Review Week in #5 (GP2)

Name _____ KEY _____ Date _____

1. Trees that lose their leaves during the year are called deciduous.
2. Some animals interact with plants by dispersing their seeds.
3. The design process helps to come up with solutions to problems.
4. Some organisms have adaptations like bioluminescence to assist in its survival.

What summer beetle uses bioluminescence? What do you think the purpose of this adaptation is? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Charlie was observing his dog's behavior during feeding time to see what kind of food the dog liked best. What should Charlie do with his observations in order to accurately analyze his finding?

- A. Tell a friend what he's doing.
- B. Keep a journal with all of his observations.**
- C. Write down random ideas about his observations.
- D. Just keep observing.

3.SI.B.5

Tuesday - Vocabulary Term of the Week

The Earth's orbit is not quite circular. We call this a(an)

- A. egg orbit.
- B. cylindrical orbit.
- C. round orbit.
- D. elliptical orbit.**

5.ES.A.3

Wednesday - Misconception of the Week

What is wrong with this statement?
The sun is the largest star in the universe.

- A. There is nothing wrong with this statement.
- B. The sun is a medium-sized star with larger stars in the universe.**
- C. The sun is the largest star in the galaxy.
- D. The sun is not a star.

Thursday - Graphic of the Week



Which layer is the youngest?

- A. 1
- B. 7**
- C. 4
- D. 5

3.ES.C.2



Daily Science Review Week in #6 (GP2)

Name _____ KEY _____ Date _____

1. The Earth's _____ orbit _____ around the sun is elliptical.
2. Rocks can be found in _____ layers _____ and provide evidence of their age.
3. The _____ sun _____ is the only star in our solar system.
4. Journals are an excellent place to record _____ data _____.

Construct a chart that shows the temperature over 5 days. Be sure to use labels on your chart.



Daily Science Review #7 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

A 5th grade class is doing an investigation of signs of wildlife in the bushes on the playground. What precautions should the class take to have a safe investigation?

- A. They should wear safety goggles and gloves.
- B. They should wear fireproof clothing.
- C. They should let adults do the investigation.
- D. There are no potential hazards.

5.SI.C.5

Tuesday - Vocabulary Term of the Week

Meteorologists use which tool to measure air pressure?

- A. a barometer
- B. a thermometer
- C. a rain gauge
- D. an anemometer

4.ES.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?
Bats are birds because they have wings.

- A. There is nothing wrong with this statement.
- B. Bats are reptiles.
- C. Bats are the only mammals that can fly.
- D. Bats are birds because they fly.

5.LS.B.3

Thursday - Graphic of the Week

Ways to reducing the use of non-renewable resources	
carpool to practice	wear more clothes inside during the winter
ride your bicycle to practice	

- Which word will complete this table?
- A. compost grass clippings
 - B. use a solar-powered calculator
 - C. walk to school instead of getting a ride
 - D. water the lawn in the morning

5.ES.C.5



Daily Science Review Week in #7 (GP2)

Name _____ KEY _____ Date _____

1. A barometer measures _____ air pressure _____ in inches of mercury (in/Hg).
2. Fossil fuels are a _____ non-renewable _____ resource.
3. Bats are _____ mammals _____ that can fly.
4. It is important to protect yourself with _____ safety _____ equipment during science investigations.

You are conducting a science investigation that requires fire. Name two safety precautions that you can use during the investigation?



Daily Science Review #8 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Helena and Ari were recording the daily temperature and then finding a weekly average. Helena found that the weekly average was 76° and Ari found that it was 80°. What is MOST likely the reason for the difference?

- A. They took the temperature at different times of the day.
- B. One measured in C° and the other in F°.
- C. They made up their data.
- D. 4° is not a big discrepancy.

5.SI.C.6

Tuesday - Vocabulary Term of the Week

76°	80°	81°	81°	83°
-----	-----	-----	-----	-----

Joel took these temperature measurements last week. He can describe his findings as

- A. a warming trend
- B. a cold front moving in
- C. the start of spring
- D. a cooling trend

4.ES.D.6

Wednesday - Misconception of the Week

What is wrong with this statement?
Plants are not strong enough to breakdown rock.

- A. There is nothing wrong with this statement.
- B. Plants can breakdown rocks into smaller rocks over time.
- C. Only sedimentary rocks can be broken down by plants.
- D. Only metamorphic rock can be broken down by plants.

3.ES.C.3

Thursday - Graphic of the Week



How can we maintain our freshwater supply?

- A. We can recycle old newspapers.
- B. We can reuse our aluminum foil.
- C. We can reduce the use of water in our homes.
- D. We cannot maintain our freshwater supply.



Daily Science Review Week in #8 (GP2)

Name _____ KEY _____ Date _____

1. When analyzing similar data taken by different people, it is important to justify any differences/discrepancies.
2. Larger rocks can be broken down into smaller rocks by plants over time.
3. Reducing the amount of water we use by taking shorter showers, turning off the water when we brush our teet, etc can help maintain the resource.
4. After collecting and analyzing data, you should be able to come up with a reasonable explanation about the data.

Describe at least two ways that you can reduce the amount of water you use. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #9 (GP2)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

When threatened, an octopus can change color to blend in with its surroundings. Which question could scientists use to study this behavior?

- A. How big does an octopus get?
- B. What colors can the octopus change to when threatened?
- C. **What happens when a natural predator swims near the octopus?**
- D. How does the octopus produce a white color on the front of its body?

4.SI.C.3

Tuesday - Vocabulary Term of the Week

When examining soil you may find all of the following EXCEPT

- A. small rocks
- B. decomposed plant parts
- C. decomposed animal parts
- D. **large rocks**

3.ES.C.4

Wednesday - Misconception of the Week

What is wrong with this statement?

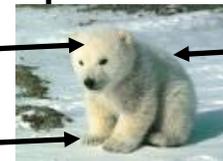
Cumulonimbus clouds are tall and dense and can bring thunderstorms.

- A. **There is nothing wrong with this statement.**
- B. Cumulus clouds bring thunderstorms.
- C. Cumulonimbus clouds are wispy, high level clouds.
- D. **Stratus clouds bring thunderstorms.**

4.ES.D.7

Thursday - Graphic of the Week

Transparent hairs



black skin

Wide paws

Polar bears are well suited for the arctic ecosystem due to their physical adaptations. Their black skin provides

- A. camouflage in warmer weather.
- B. a way to cool down in warmer weather.
- C. **a way to warm themselves in cold weather.**
- D. camouflage in colder weather.

5.LS.C.4



Daily Science Review Week in #9 (GP2)

Name _____ KEY _____ Date _____

1. Small rocks and decomposed plant and animal parts make up _____ soil _____.
2. Thunderstorms are characteristic of _____ cumulonimbus _____ clouds.
3. Black skin to absorb heat and wide paws to assist in swimming and navigating the snow and ice are two _____ adaptations _____ that make the arctic region a good ecosystem for polar bears.
4. When studying phenomena, scientists develop _____ questions _____ to guide them.

If you were studying the sleeping habits of cats, what would be a good guiding question?



Daily Science Review #1 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

The class was studying thermal energy. For their investigation they had 2 cups of boiling water, 4 butter pats, a 5 inch long plastic knife and an 8 inch long stainless steel knife. Which variable would cause the experiment results to be different between lab groups?

- A. the boiling water
- B. the knives
- C. the butter pats
- D. the cups

4.SI.C.4

Tuesday - Vocabulary Term of the Week

Which word explains the movement of sand by wind or water?

- A. weathering
- B. deposition
- C. erosion
- D. landform

4.ES.B.8

Wednesday - Misconception of the Week

What is wrong with this statement?

Freezing and thawing is a rapid process that changes the surface of the Earth.

- A. There is nothing wrong with this statement.
- B. Freezing and thawing does not change the Earth's surface.
- C. Freezing and thawing do not affect the Earth's surface.
- D. Freezing and thawing is a slow process that changes the surface of the Earth

4.ES.B.9

Thursday - Graphic of the Week

Volcanoes are natural phenomena that change the face of the Earth. This kind of change is

- A. a slow process.
- B. a rapid process.
- C. deposition.
- D. weathering.



4.ES.B.10



Daily Science Week in Review #1 (GP3)

Name _____ Date _____

1. A slow process that changes the face of the Earth is _____.
2. A rapid process that changes the face of the Earth is _____.
3. _____ is the movement of eroded materials by wind, water or ice.
4. All _____ must be accurately duplicated when comparing investigation/experiment results.

How can you make the investigation from Monday a fair one? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #2 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

You are working with a partner on an investigation. Your partner tells you that the instructions say to add some water. What should the instructions include so they are easily understood and replicable?

- A. the amount of water
- B. who should pour the water
- C. how the water should be poured
- D. why water is being used

4.SI.C.6

Tuesday - Vocabulary Term of the Week

Resources like clean water and air are

- A. non-renewable resources
- B. fossil fuels
- C. renewable resources
- D. non-consumable resources

5.ES.C.6

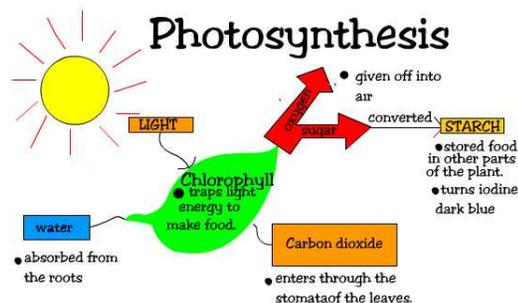
Wednesday - Misconception of the Week

What is wrong with this statement?
Precipitation from clouds is called rain.

- A. There is nothing wrong with the statement.
- B. Precipitation can be rain, hail or snow.
- C. Rain is not precipitation.
- D. Rain is evaporation.

4.ES.D.2

Thursday - Graphic of the Week



What provides the energy for photosynthesis?

- A. the sun
- B. the plant
- C. producers
- D. consumers

5.LS.B.1



Daily Science Week in Review #2 (GP3)

Name _____ Date _____

1. Producers make their own food by using _____ from the sun.
2. Water in the air can be found in clouds, fog, sleet, hail or _____.
3. Air is an inexhaustible resource but clean air is _____.
4. Easily understood records of an investigation are important so others can _____ it.

Give one way that you can help maintain the resource of clean air. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #3 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

You are conducting an experiment to find out how calcium chloride reacts in water. Why is it important to wear safety goggles?

- A. to see better
- B. to protect your eyes
- C. to help speed the reaction
- D. to protect your hands

3.SI.C.4

Tuesday - Vocabulary Term of the Week

Which movement of the Earth causes day and night?

- A. tectonic plate movement
- B. rotation
- C. revolution
- D. gravity

5.ES.A.1

Wednesday - Misconception of the Week

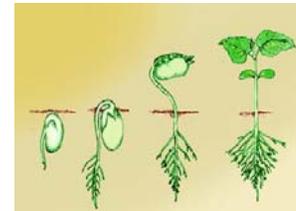
What is wrong with this statement?

There is a large storm cell in western Ohio and is moving west into Indiana.

- A. There is nothing wrong with this statement.
- B. Weather generally moves from north to south.
- C. Weather generally moves from west to east.
- D. The storm should be moving into Michigan.

4.ES.D.6

Thursday - Graphic of the Week



This is a diagram of

- A. a life cycle.
- B. germination
- C. reproduction
- D. metamorphosis

4.LS.A.1



Daily Science Week in Review #2 (GP3)

Name _____ Date _____

1. We use science safety equipment to _____ ourselves.
2. In general, weather in the United States moves from _____ to _____.
3. The rotation of the Earth on its axis causes _____.
4. Germination is the sprouting of a _____ from a seed.

Name two pieces of science safety equipment and their uses. Use words and pictures. Label all pictures.



Daily Science Review #4 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

Manufacturers package many of their products in recyclable materials. How can this be harmful to our environment?

- A. There will be increased need for recycling.
- B. There will be no harm to the environment.
- C. If people do not recycle, the materials will end up in the landfill.
- D. It is only harmful if all their materials are recyclable.

5.ST.B.3

Tuesday - Vocabulary Term of the Week

What is the name of the path that the moon takes around the Earth?

- A. orbit
- B. ellipse
- C. rotation
- D. revolution

5.ES.A.2

Wednesday - Misconception of the Week

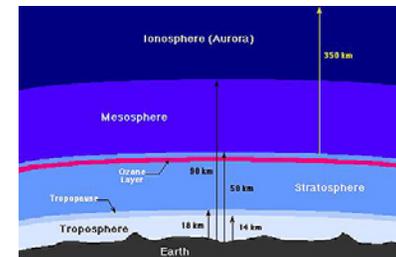
What is wrong with this statement?

Clean water is an inexhaustible resource.

- A. There is nothing wrong with this statement.
- B. Clean water is a renewable resource that needs to be maintained.
- C. Clean water is a non-renewable resource.
- D. Clean water is not a resource.

3.ES.C.6

Thursday - Graphic of the Week



This is a diagram of

- A. the universe.
- B. the atmosphere.
- C. the solar system.
- D. Earth's topography.

5.ES.A.3



Daily Science Week in Review #4 (GP3)

Name _____ Date _____

1. The _____ is a thin blanket of air that surrounds the Earth.
2. We can maintain the _____ resource of clean water by not polluting our natural waterways.
3. The moon is a natural satellite that _____ the Earth.
4. Sometimes a solution can cause another _____.

Draw a diagram of the moon's orbit around the Earth. Label all pictures.



Daily Science Review #5 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

What procedure has been developed so we can safely smell things during an investigation?

- A. wafting
- B. we just lean into it and smell
- C. there is no procedure
- D. sniffing

3.ST.A.1

Tuesday - Vocabulary Term of the Week

Which slow process that changes the surface of the Earth is caused by the movement of tectonic plates?

- A. volcanoes
- B. earthquakes
- C. freezing and thawing
- D. earthquakes and volcanoes

4.ES.B.10

Wednesday - Misconception of the Week

What is wrong with this statement?

Fossil fuels will replenish given a little time.

- A. There is nothing wrong with the statement.
- B. Fossil fuels do not need to be replenished.
- C. Fossil fuels are formed over millions of years.
- D. Fossil fuels will replenish within hours.

5.ES.C.5

Thursday - Graphic of the Week



Which instrument measures the air pressure?

- A. the barometer
- B. the anemometer
- C. the thermometer
- D. none of the above

4.ES.D.4



Daily Science Week in Review #5 (GP3)

Name _____ Date _____

1. Weather instruments are used to _____ the weather.
2. Non-renewable resources cannot be renewed in our lifetime but they can be _____.
3. _____ extends our sense of smell so that we can safely engage in scientific investigations.
4. Slow and rapid processes _____ the surface of Earth.

Draw the instrument that measures the temperature. Label all pictures.



Daily Science Review #6 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

When reporting findings of a science investigation you can write your results in a notebook. What other technology can you use?

- A. a Magnadoodle™
- B. a chalkboard
- C. a computer
- D. an abacus

4.ST.A.2

Tuesday - Vocabulary Term of the Week

The energy of moving particles is heat energy or

- A. thermal energy
- B. nuclear energy
- C. hydroelectric energy
- D. solar energy

5.PS.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Cutting a sheet of paper in half is a physical change.

- A. There is nothing wrong with this statement.
- B. Cutting paper is a chemical change because you cannot put it back together.
- C. Cutting paper is neither a chemical nor a physical change.
- D. Cutting paper is both a chemical and physical change.

4.PS.A.1

Thursday - Graphic of the Week

object	5 sec	10 sec	15 sec	20 sec
A	1ft	2ft	3ft	4ft
B	2ft	3ft	4ft	5ft

The chart above recorded data about the motion of two objects. What information can we obtain from this data?

- A. Object A is heavier than Object B.
- B. Object B is heavier than Object A.
- C. Object A is faster than Object B.
- D. Object B is faster than Object A.

3.PS.C.2



Daily Science Week in Review #6 (GP3)

Name _____ Date _____

1. A change of position is called _____.
2. A _____ is a change from one form to another without turning into a new substance.
3. Thermal energy is measured with a _____.
4. _____ changes to meet our needs.

Name a technology and describe how it makes your life easier. Use words and pictures. Label all pictures.



Daily Science Review #7 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

In which way are computers harmful?

- A. We are able to communicate with people all over the world.
- B. They are not biodegradable.
- C. They can help in recording data.
- D. We have access to a lot of information.

3.ST.A.2

Tuesday - Vocabulary Term of the Week

A chemical reaction is an indication that a(n)

- A. physical change has occurred.
- B. chemical change has occurred.
- C. experiment is not working.
- D. investigation is not working.

4.PS.A.2

Wednesday - Misconception of the Week

What is wrong with this statement?

Thermal energy is measured in degrees.

- A. There is nothing wrong with this statement.
- B. Thermal energy is not measurable.
- C. Thermal energy is measured in meters.
- D. Thermal energy is measured in centimeters.

5.PS.D.1

Thursday - Graphic of the Week



What kind of force is applied to this stack of 4 steel balls to the left when the right one returns and hits them?

- A. gravity
- B. a pull
- C. a push
- D. magnetism

3.PS.C.4



Daily Science Week in Review #7 (GP3)

Name _____ Date _____

1. A _____ or a _____ are contact forces that move objects.
2. The average speed of the particles in a substance is its measurable _____.
3. Technology can be beneficial or _____.
4. In a _____ change, atoms and molecules can join together to form new substances.

Draw a picture of a person throwing a ball at a wall. Use arrows to show the motion of the ball. Label all pictures.



Daily Science Review #8 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

When revising a design, there are many things to consider. Which of the following is NOT something to consider?

- A. peer review
- B. experiment results
- C. thinking of new questions
- D. a worse way to accomplish your objectives

5.ST.B.2

Tuesday - Vocabulary Term of the Week

Electric current in a circuit can produce all of the following EXCEPT

- A. thermal energy
- B. light
- C. sound
- D. gravity

5.PS.E.3

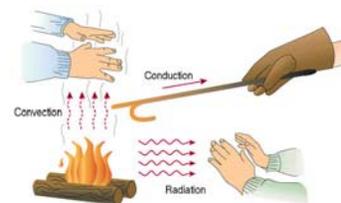
Wednesday - Misconception of the Week

What is wrong with this statement?
The Earth is one of eight planets that orbit the sun.

- A. There is nothing wrong with this statement.
- B. There are nine planets.
- C. The sun orbits the Earth.
- D. The moon orbits the Earth.

5.ES.A.2

Thursday - Graphic of the Week



This diagram shows

- A. the transfer of thermal energy.
- B. an investigation.
- C. temperature.
- D. changes in the state of matter.

5.PS.D.2



Daily Science Week in Review #8 (GP3)

Name _____ Date _____

1. Thermal energy moves in three different ways – convection, radiation and _____.
2. Earth is the _____ of eight planets from the sun.
3. Peer review is an important step in _____ a design.
4. The constant flow of electrons is called an electric current and can produce light, sound, magnetism and _____.

Draw a model of the solar system. Label all pictures.



Daily Science Review #9 (GP3)

Name _____ Date _____

Monday - Process Skill of the Week

You designed a car for a downhill race. The wheels won't stay inflated. What is the best possible solution to this design problem?

- A. change the length of the car
- B. change the material the tires are made of
- C. change the steering wheel
- D. change the energy source

3.ST.B.5

Tuesday - Vocabulary Term of the Week

Which of the following are properties of all matter?

- A. mass
- B. volume
- C. density
- D. all of the above

4.PS.B.4

Wednesday - Misconception of the Week

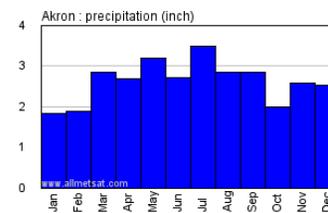
What is wrong with this statement?

The sun and all other stars are the same size.

- A. There is nothing wrong with the statement.
- B. The sun is not a star.
- C. Some stars are larger or smaller than the sun.
- D. The sun is the only star in the solar system.

5.ES.A.4

Thursday - Graphic of the Week



The chart above shows the average monthly precipitation for Akron. How much precipitation was there in October?

- A. about 2 quarts
- B. about 2 inches
- C. about 2 milliliters
- D. about 2 millimeters

4.ES.D.4



Daily Science Week in Review #9 (GP3)

Name _____ Date _____

1. Rain is collected and measured in a(n) _____.
2. The sun is a medium-sized _____.
3. All matter has _____, density and volume.
4. Brainstorming is one way to come up with possible _____ to a design problem.

Give an example of each of the three states of matter. Use words and pictures. Label all pictures.



Daily Science Review #1 (GP3)

Name _____ **KEY** _____ Date _____

Monday - Process Skill of the Week

The class was studying thermal energy. For their investigation they had 2 cups of boiling water, 4 butter pats, a 5 inch long plastic knife and an 8 inch long stainless steel knife. Which variable would cause the experiment results to be different between lab groups?

- A. the boiling water
- B. the knives
- C. the butter pats
- D. the cups

4.SI.C.4

Tuesday - Vocabulary Term of the Week

Which word explains the movement of sand by wind or water?

- A. weathering
- B. deposition
- C. erosion
- D. landform

4.ES.B.8

Wednesday - Misconception of the Week

What is wrong with this statement?

Freezing and thawing is a rapid process that changes the surface of the Earth.

- A. There is nothing wrong with this statement.
- B. Freezing and thawing does not change the Earth's surface.
- C. Freezing and thawing do not affect the Earth's surface.
- D. Freezing and thawing is a slow process that changes the surface of the Earth

4.ES.B.9

Thursday - Graphic of the Week

Volcanoes are a natural phenomena that changes the face of the Earth. This kind of change is

- A. a slow process.
- B. a rapid process.
- C. deposition.
- D. weathering.



4.ES.B.10



Daily Science Week in Review #1 (GP3)

Name _____ KEY _____ Date _____

1. A slow process that changes the face of the Earth is freezing and thawing or weathering etc _____.
2. A rapid process that changes the face of the Earth is _____ landslides or volcanoes or earthquakes etc _____.
3. _____ Deposition _____ is the movement of eroded materials by wind, water or ice to a new place.
4. All variables must be accurately duplicated when comparing investigation/experiment results.

How can you make the investigation from Monday a fair one? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #2 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You are working with a partner on an investigation. Your partner tells you that the instructions say to add some water. What should the instructions include so they are easily understood and replicable?

- A. the amount of water
- B. who should pour the water
- C. how the water should be poured
- D. why water is being used

4.SI.C.6

Tuesday - Vocabulary Term of the Week

Resources like clean water and air are

- A. non-renewable resources
- B. fossil fuels
- C. renewable resources
- D. non-consumable resources

5.ES.C.6

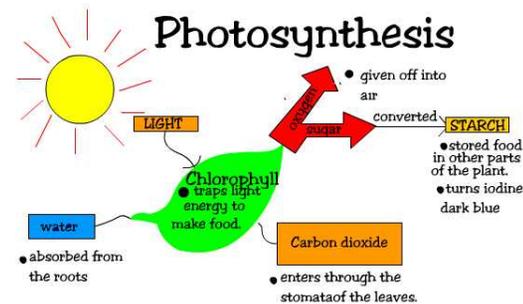
Wednesday - Misconception of the Week

What is wrong with this statement?
Precipitation from clouds is called rain.

- A. There is nothing wrong with the statement.
- B. Precipitation can be rain, hail or snow.
- C. Rain is not precipitation.
- D. Rain is evaporation.

4.ES.D.2

Thursday - Graphic of the Week



What provides the energy for photosynthesis?

- A. the sun
- B. the plant
- C. producers
- D. consumers

5.LS.B.1



Daily Science Week in Review #2 (GP3)

Name _____ KEY _____ Date _____

1. Producers make their own food by using _____ energy _____ from the sun.
2. Water in the air can be found in clouds, fog, sleet, hail or _____ snow or rain _____.
3. Air is an inexhaustible resource but clean air is _____ renewable _____.
4. Easily understood records of an investigation are important so others can _____ duplicate or replicate _____ it.

Give one way that you can help maintain the resource of clean air. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #3 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You are conducting an experiment to find out how calcium chloride reacts in water. Why is it important to wear safety goggles?

- A. to see better
- B. to protect your eyes
- C. to help speed the reaction
- D. to protect your hands

3.SI.C.4

Tuesday - Vocabulary Term of the Week

Which movement of the Earth causes day and night?

- A. tectonic plate movement
- B. rotation
- C. revolution
- D. gravity

5.ES.A.1

Wednesday - Misconception of the Week

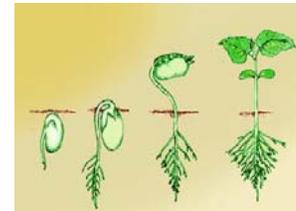
What is wrong with this statement?

There is a large storm cell in western Ohio and is moving west into Indiana.

- A. There is nothing wrong with this statement.
- B. Weather generally moves from north to south.
- C. Weather generally moves from west to east.
- D. The storm should be moving into Michigan.

4.ES.D.6

Thursday - Graphic of the Week



This is a diagram of

- A. a life cycle.
- B. germination
- C. reproduction
- D. metamorphosis

4.LS.A.1



Daily Science Week in Review #2 (GP3)

Name _____ KEY _____ Date _____

1. We use science safety equipment to _____ protect _____ ourselves.
2. In general, weather in the United States moves from _____ west _____ to _____ east _____.
3. The rotation of the Earth on its axis causes _____ day and night _____.
4. Germination is the sprouting of a _____ plant _____ from a seed.

Name two pieces of science safety equipment and their uses. Use words and pictures. Label all pictures.



Daily Science Review #4 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Manufacturers package many of their products in recyclable materials. How can this be harmful to our environment?

- A. There will be increased need for recycling.
- B. There will be no harm to the environment.
- C. If people do not recycle, the materials will end up in the landfill.**
- D. It is only harmful if all their materials are recyclable.

5.ST.B.3

Tuesday - Vocabulary Term of the Week

What is the name of the path that the moon takes around the Earth?

- A. orbit**
- B. ellipse
- C. rotation
- D. revolution

5.ES.A.2

Wednesday - Misconception of the Week

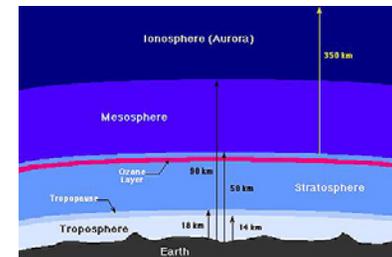
What is wrong with this statement?

Clean water is an inexhaustible resource.

- A. There is nothing wrong with this statement.
- B. Clean water is a renewable resource that needs to be maintained.**
- C. Clean water is a non-renewable resource.
- D. Clean water is not a resource.

3.ES.C.6

Thursday - Graphic of the Week



This is a diagram of

- A. the universe.
- B. the atmosphere.**
- C. the solar system.
- D. Earth's topography.

5.ES.A.3



Daily Science Week in Review #4 (GP3)

Name _____ KEY _____ Date _____

1. The _____ atmosphere _____ is a thin blanket of air that surrounds the Earth.
2. We can maintain the _____ renewable _____ resource of clean water by not polluting our natural waterways.
3. The moon is a natural satellite that _____ orbits _____ the Earth.
4. Sometimes a solution can cause another _____ problem _____.

Draw a diagram of the moon's orbit around the Earth. Label all pictures.



Daily Science Review #5 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

What procedure has been developed so we can safely smell things during an investigation?

- A. wafting
- B. we just lean into it and smell
- C. there is no procedure
- D. sniffing

3.ST.A.1

Tuesday - Vocabulary Term of the Week

Which slow process that changes the surface of the Earth is caused by the movement of tectonic plates?

- A. volcanoes
- B. earthquakes
- C. freezing and thawing
- D. earthquakes and volcanoes

4.ES.B.10

Wednesday - Misconception of the Week

What is wrong with this statement?

Fossil fuels will replenish given a little time.

- A. There is nothing wrong with the statement.
- B. Fossil fuels do not need to be replenished.
- C. **Fossil fuels are formed over millions of years.**
- D. Fossil fuels will replenish within hours.

5.ES.C.5

Thursday - Graphic of the Week



Which instrument measures the air pressure?

- A. **the barometer**
- B. the anemometer
- C. the thermometer
- D. none of the above

4.ES.D.4



Daily Science Week in Review #5 (GP3)

Name _____ KEY _____ Date _____

1. Weather instruments are used to _____ measure _____ the weather.
2. Non-renewable resources cannot be renewed in our lifetime but they can be _____ reduced, reused and/or recycled _____.
3. _____ Wafting _____ extends our sense of smell so that we can safely engage in scientific investigations.
4. Slow and rapid processes _____ change _____ the surface of Earth.

Draw the instrument that measures the temperature. Label all pictures.



Daily Science Review #6 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

When reporting findings of a science investigation you can write your results in a notebook. What other technology can you use?

- A. a Magnadoodle™
- B. a chalkboard
- C. a computer
- D. an abacus

4.ST.A.2

Tuesday - Vocabulary Term of the Week

The energy of moving particles is heat energy or

- A. thermal energy
- B. nuclear energy
- C. hydroelectric energy
- D. solar energy

5.PS.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?
Cutting a sheet of paper in half is a physical change.

- A. There is nothing wrong with this statement.
- B. Cutting paper is a chemical change because you cannot put it back together.
- C. Cutting paper is neither a chemical nor a physical change.
- D. Cutting paper is both a chemical and physical change.

4.PS.A.1

Thursday - Graphic of the Week

object	5 sec	10 sec	15 sec	20 sec
A	1ft	2ft	3ft	4ft
B	2ft	3ft	4ft	5ft

The chart above recorded data about the motion of two objects. What information can we obtain from this data?

- A. Object A is heavier than Object B.
- B. Object B is heavier than Object A.
- C. Object A is faster than Object B.
- D. Object B is faster than Object A.

3.PS.C.2



Daily Science Week in Review #6 (GP3)

Name _____ KEY _____ Date _____

1. A change of position is called _____ motion _____.
2. A _____ physical change _____ is a change from one form to another without turning into a new substance.
3. Thermal energy is measured with a _____ thermometer _____.
4. _____ Technology _____ changes to meet our needs.

Name a technology and describe how it makes your life easier. Use words and pictures. Label all pictures.



Daily Science Review #7 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

In which way are computers harmful?

- A. We are able to communicate with people all over the world.
- B. They are not biodegradable.**
- C. They can help in recording data.
- D. We have access to a lot of information.

3.ST.A.2

Tuesday - Vocabulary Term of the Week

A chemical reaction is an indication that a(n)

- A. physical change has occurred.
- B. chemical change has occurred.**
- C. experiment is not working.
- D. investigation is not working.

4.PS.A.2

Wednesday - Misconception of the Week

What is wrong with this statement?

Thermal energy is measured in degrees.

- A. There is nothing wrong with this statement.**
- B. Thermal energy is not measurable.
- C. Thermal energy is measured in meters.
- D. Thermal energy is measured in centimeters.

5.PS.D.1

Thursday - Graphic of the Week



What kind of force is applied to this stack of 4 steel balls to the left when the right one returns and hits them?

- A. gravity
- B. a pull
- C. a push**
- D. magnetism

3.PS.C.4



Daily Science Week in Review #7 (GP3)

Name _____ KEY _____ Date _____

1. A push or a pull are contact forces that move objects.
2. The average speed of the particles in a substance is its measurable temperature/heat.
3. Technology can be beneficial or harmful.
4. In a chemical change, atoms and molecules can join together to form new substances.

Draw a picture of a person throwing a ball at a wall. Use arrows to show the motion of the ball. Label all pictures.



Daily Science Review #8 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

When revising a design, there are many things to consider. Which of the following is NOT something to consider?

- A. peer review
- B. experiment results
- C. thinking of new questions
- D. **a worse way to accomplish your objectives**

5.ST.B.2

Tuesday - Vocabulary Term of the Week

Electric current in a circuit can produce all of the following EXCEPT

- A. thermal energy
- B. light
- C. sound
- D. **gravity**

5.PS.E.3

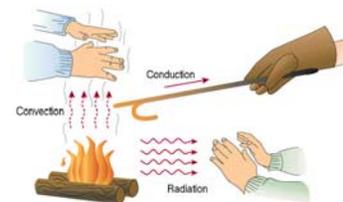
Wednesday - Misconception of the Week

What is wrong with this statement?
The Earth is one of eight planets that orbit the sun.

- A. **There is nothing wrong with this statement.**
- B. There are nine planets.
- C. The sun orbits the Earth.
- D. The moon orbits the Earth.

5.ES.A.2

Thursday - Graphic of the Week



This diagram shows

- A. **the transfer of thermal energy.**
- B. an investigation.
- C. temperature.
- D. changes in the state of matter.

5.PS.D.2



Daily Science Week in Review #8 (GP3)

Name _____ KEY _____ Date _____

1. Thermal energy moves in three different ways – convection, radiation and conduction.
2. Earth is the third of eight planets from the sun.
3. Peer review is an important step in revising a design.
4. The constant flow of electrons is called an electric current and can produce light, sound, magnetism and thermal energy.

Draw a model of the solar system. Label all pictures.



Daily Science Review #9 (GP3)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You designed a car for a downhill race. The wheels won't stay inflated. What is the best possible solution to this design problem?

- A. change the length of the car
- B. change the material the tires are made of
- C. change the steering wheel
- D. change the energy source

3.ST.B.5

Tuesday - Vocabulary Term of the Week

Which of the following are properties of all matter?

- A. mass
- B. volume
- C. density
- D. all of the above

4.PS.B.4

Wednesday - Misconception of the Week

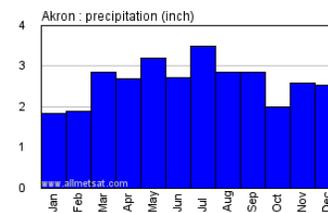
What is wrong with this statement?

The sun and all other stars are the same size.

- A. There is nothing wrong with the statement.
- B. The sun is not a star.
- C. Some stars are larger or smaller than the sun.
- D. The sun is the only star in the solar system.

5.ES.A.4

Thursday - Graphic of the Week



The chart above shows the average monthly precipitation for Akron. How much precipitation was there in October?

- A. about 2 quarts
- B. about 2 inches
- C. about 2 milliliters
- D. about 2 millimeters

4.ES.D.4



Daily Science Week in Review #9 (GP3)

Name _____ KEY _____ Date _____

1. Rain is collected and measured in a(n) _____ rain gauge _____.
2. The sun is a medium-sized _____ star _____.
3. All matter has _____ mass _____, density and volume.
4. Brainstorming is one way to come up with possible _____ solutions _____ to a design problem.

Give an example of each of the three states of matter. Use words and pictures. Label all pictures.



Daily Science Review #1 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Before you conduct an investigation, you claim that salt water will kill plants. Is this a fact or an opinion?

- A. fact
- B. opinion
- C. neither
- D. both

4.SK.A.1

Tuesday - Vocabulary Term of the Week

We can sort objects based on their properties. Which is a property of all gases?

- A. they all smell
- B. they all have mass
- C. they all can be seen
- D. all of the above

4.PS.B.3

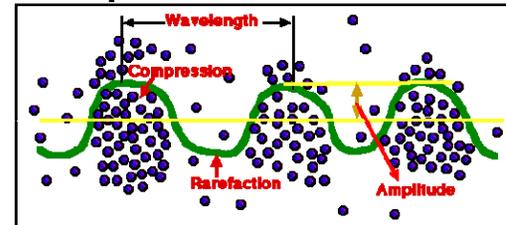
Wednesday - Misconception of the Week

What is wrong with this statement?
A toy car will travel just as fast on carpet as it will on a wood floor.

- A. There is nothing wrong with the statement.
- B. The toy car will move slower on the carpet due to friction.
- C. The toy car will move faster on the carpet due to friction.
- D. The toy car will move slower on the wood floor due to friction.

3.PS.C.4

Thursday - Graphic of the Week



The diagram above is of a

- A. ocean wave
- B. brain wave
- C. sound wave
- D. none of the above

5.PS.F.6



Daily Science Week in Review #1 (GP4)

Name _____ Date _____

1. Sound waves are made up compressions where air particles are pressed together and _____ where the particles are spread apart.
2. Scientists conduct investigations and experiments to separate facts from _____.
3. Friction is a _____ that affects motion.
4. Another word for characteristic of a substance is _____.

There is a box on the table with the following objects: baby bottle nipple, basketball, rain boots and rubber bands. What is the property that they all have in common? What is another object that would belong in the box? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #2 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Using the metric system, what unit of measure would you use to find the mass of a paper clip?

- A. ounces
- B. pounds
- C. grams
- D. kilograms

3.SI.A.1

Tuesday - Vocabulary Term of the Week

The movement of heat or thermal energy is always from

- A. right to left.
- B. left to right.
- C. warmer object or area to cooler object or area.
- D. cooler object or area to warmer object or area.

5.PS.D.1

Wednesday - Misconception of the Week

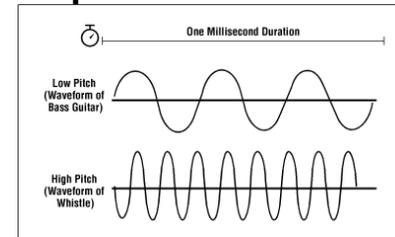
What is wrong with this statement?

An electric circuit must be open in order for the current to move.

- A. There is nothing wrong with the statement.
- B. The circuit must be closed.
- C. The circuit must be open for a strong current.
- D. The circuit must be open for a weak current.

5.PS.E.4

Thursday - Graphic of the Week



The chart above shows wavelength of a low pitch and high pitch whistle. What is the difference between the two?

- A. low pitch has increased vibrations
- B. low pitch has decreased vibrations
- C. high pitch has increased vibrations
- D. high pitch has decreased vibrations

5.PS.F.7



Daily Science Week in Review #2 (GP4)

Name _____ Date _____

1. To change the pitch of a sound _____ are increased or decreased.
2. In order to conduct an electric current a circuit must be _____.
3. The transfer of _____ energy moves from warmer objects or areas to cooler objects or areas.
4. Accurate linear _____ are important when collecting data in an experiment or investigation.

Draw a diagram of a closed circuit including wire, a light bulb and a battery. Label all pictures.



Daily Science Review #3 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

As a part of an experiment, Beth records the temperature of ice water. She recorded the temperature as 38°C. What error did she make?

- A. ice water is too cold to measure
- B. there was no error
- C. she should have stirred the water
- D. she should have recorded the temperature as 38°F

3.SI.B.2

Tuesday - Vocabulary Term of the Week

As a glacier melts and recedes it deposits materials that have been moved from one area to another. What is this deposition called?

- A. erosion
- B. moraine
- C. sediment
- D. weathering

4.PS.B.8

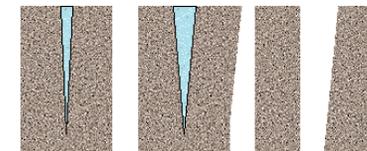
Wednesday - Misconception of the Week

What is wrong with this statement?
Weathering is the gradual wearing down of the Earth's surface by wind, water and ice.

- A. There is nothing wrong with the statement.
- B. The gradual wearing down is erosion.
- C. The gradual wearing down is deposition.
- D. Weathering is done by the climate.

4.PS.B.8

Thursday - Graphic of the Week



Water-filled crack Freezes to ice Breaks Rock

This is a diagram of rocks being weathered. What is the process called?

- A. freezing and thawing
- B. landslides
- C. earthquakes
- D. tectonic shift

4.PS.B.9



Daily Science Week in Review #3 (GP4)

Name _____ Date _____

1. Freezing and thawing is a _____ process that changes the Earth's surface over time.
2. Weathering can change the Earth's surface by wind, water or _____.
3. Accurate _____ is important for a successful experiment or investigation.
4. Glaciers leave behind ridges of rocks called _____ as the recede.

You are working on an investigation looking at daily temperatures and gather the following data: 45°, 46°, 53°, 48°, 45° and 45°. Make a table to report your findings. Remember to label all of your columns.



Daily Science Review #4 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

You are conducting an investigation using 3 identical plants. You place one in the window, one under a desk and another in the closet. Identify the variable you are testing.

- A. plant size
- B. plant growth
- C. plant location
- D. plant type

4.SI.C.4

Tuesday - Vocabulary Term of the Week

Which of the following is the energy of motion?

- A. kinetic
- B. potential
- C. solar
- D. none of the above

3.PS.C.2

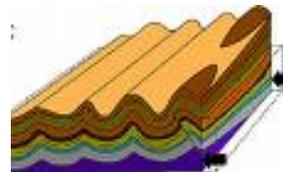
Wednesday - Misconception of the Week

What is wrong with this statement?
Food is made in the roots of the plant.

- A. There is nothing wrong with the statement.
- B. Food is made primarily in the roots.
- C. Food is made primarily in the stem.
- D. Food is made primarily in the leaves.

4.LS.B.2

Thursday - Graphic of the Week



What slow change to the Earth's surface is shown here?

- A. tectonic plates building folded mountains
- B. tectonic plates building fault-block mountains
- C. a landslide
- D. glacial moraine

4.ES.B.10



Daily Science Week in Review #4 (GP4)

Name _____ Date _____

1. The movement of _____ over time can build mountains.
2. The primary role of the leaf in a plant is to make _____.
3. _____ are things that can change in an investigation or experiment.
4. Energy stored in an object is _____.

Explain the need for the transfer of energy between the sun and plants. Use words and pictures. Label all pictures.



Daily Science Review #5 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Which statement is a testable hypothesis?

- A. Apples are good for you.
- B. Soup tastes better with salt.
- C. Sound travels faster in water than in air.
- D. There are many good designs for paper airplanes.

4.SI.C.3

Tuesday - Vocabulary Term of the Week

Dipping a piece of paper into colored water is an example of

- A. chemical change
- B. physical change
- C. exothermic reaction
- D. endothermic reaction

4.PS.A.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Plants need oxygen in order to produce food.

- A. There is nothing wrong with the statement.
- B. Plants only need water to produce food.
- C. Plants need carbon dioxide to produce food.
- D. Plants produce food from the soil.

5.LS.B.1

Thursday - Graphic of the Week



Identify the consumer in this model.

- A. leaves
- B. heron
- C. frog
- D. slug, frog and heron

5.LS.B.3



Daily Science Week in Review #5 (GP4)

Name _____ Date _____

1. Consumers can be herbivores, carnivores or _____.
2. Plants use carbon dioxide and sunlight to make _____.
3. A testable hypothesis should not include personal _____.
4. Changes in color only are a _____ change.

Draw an energy pyramid with producers, herbivores and carnivores. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Which of the following would you use to measure the mass of a ping pong ball?

- A. graduated cylinder
- B. thermometer
- C. balance scale
- D. hand lens

3.SI.A.1

Tuesday - Vocabulary Term of the Week

What is an anemometer used for?

- A. measuring wind speed
- B. weighing objects
- C. determining wind direction
- D. measuring barometric pressure

5.SI.A.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Barometers measure air pressure in inches.

- A. There is nothing wrong with the statement.
- B. Barometers measure air pressure in centimeters.
- C. Barometers measure air pressure in pounds.
- D. Barometers measure air pressure in inches of mercury.

5.SI.A.1

Thursday - Graphic of the Week



What is this a model of?

- A. Earth's orbit
- B. the moon's orbit
- C. the solar system
- D. the universe

5.ES.A.2



Daily Science Week in Review #6 (GP4)

Name _____ Date _____

1. It takes approximately 30 days for the _____ to complete its orbit around the Earth.
2. A barometer measures _____ in inches of Mercury.
3. Wind speed is _____ with an anemometer.
4. A _____ is used to find the mass of an object.

Describe how to find the mass of a tennis ball. Use words and pictures. Label all pictures.



Daily Science Review #7 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Two groups wanted to find out which playground balls would go farthest. They decided to let each ball roll down a ramp. Which of the following variables must remain constant if they want a fair test?

- A. size of ball
- B. incline of ramp
- C. weight of ramp
- D. none of the above

4.SI.C.5

Tuesday - Vocabulary Term of the Week

What is the process by which water changes from a gas to a liquid?

- A. condensation
- B. evaporation
- C. precipitation
- D. alienation

4.ES.D.2

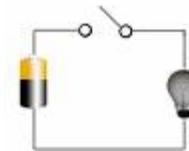
Wednesday - Misconception of the Week

What is wrong with this statement?
Weathering is the same as erosion.

- A. There is nothing wrong with the statement.
- B. Weathering is the breakdown of the rocks.
- C. Erosion is the transfer, by wind, water or ice, of the rocks to a new location.
- D. Both A and B

4.ES.B.8

Thursday - Graphic of the Week



Is this an open or closed circuit?

- A. Open because the circuit is incomplete.
- B. Open so the current can flow.
- C. Closed because the circuit is incomplete.
- D. Closed so the current can flow.

5.PS.E.4



Daily Science Week in Review #7 (GP4)

Name _____ Date _____

1. An open circuit does not allow the _____ to flow.
2. Erosion is evidence that _____ has occurred.
3. Investigations have many variables, some of which should not _____ in order to have a fair test.
4. The water cycle is one way that water changes its _____.

If you were conducting an investigation in an attempt to answer whether or not plants will change color if they are watered with Kool-Aid®, what variable or variables should remain constant? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #8 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

What is the first step in a science investigation or experiment?

- A. create a graph
- B. research
- C. form a hypothesis
- D. draw conclusions

3.ST.B.4

Tuesday - Vocabulary Term of the Week

_____ is the measurement of _____.

- A. circuit, temperature
- B. thermal energy, temperature
- C. temperature, circuit
- D. temperature, thermal energy

5.PS.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Air is not matter because you cannot see it.

- A. There is nothing wrong with the statement.
- B. Air is an abiotic.
- C. Air has a fixed shape.
- D. Air takes up space.

4.PS.B.4

Thursday - Graphic of the Week



Which phase of the moon will occur next?

- A. 
- B. 
- C. 
- D. 

5.ES.A.2



Daily Science Week in Review #8 (GP4)

Name _____ Date _____

1. Moon phases are actually the _____ of light of the sun off the moon.
2. Air takes up space and therefore, is _____.
3. The measure of _____ is temperature.
4. There are many _____ in a scientific investigation or experiment.

Explain what a New Moon is. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #9 (GP4)

Name _____ Date _____

Monday - Process Skill of the Week

Scientists who want to study volcanoes can use which of these tools?

- A. a thermometer to measure the temperature of the lava
- B. telescopes to view the volcano
- C. balance scale to weigh lava
- D. graduated cylinder to measure lava flow

3.ST.A.1

Tuesday - Vocabulary Term of the Week

Which describes what soil is made of?

- A. dead plants and animals
- B. broken rocks
- C. minerals
- D. all of the above

3.ES.C.4

Wednesday - Misconception of the Week

What is wrong with this statement?

Two magnets will always attract each other.

- A. There is nothing wrong with the statement.
- B. Magnets can repel each other.
- C. Magnets always repel each other.
- D. Magnetism is a force of motion.

3.PS.C.3

Thursday - Graphic of the Week



According to the chart above, which biome is coldest?

- A. savanna
- B. tundra
- C. boreal forest
- D. polar

5.LS.C.5



Daily Science Week in Review #9 (GP4)

Name _____ Date _____

1. Ecosystems located in a _____ biome have special adaptations to survive in the low temperatures.
2. Magnets can change the _____ of an object.
3. Soil is made from broken rocks, dead plants and animals and _____.
4. Scientists use tools that are appropriate and _____ for an investigation or experiment.

Give an example of each of the three states of matter. Use words and pictures. Label all pictures.



Daily Science Review #1 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Before you conduct an investigation, you claim that salt water will kill plants. Is this a fact or an opinion?

- A. fact
- B. **opinion**
- C. neither
- D. both

4.SK.A.1

Tuesday - Vocabulary Term of the Week

We can sort objects based on their properties. Which is a property of all gases?

- A. they all smell
- B. they all have mass
- C. they all can be seen
- D. **all of the above**

4.PS.B.3

Wednesday - Misconception of the Week

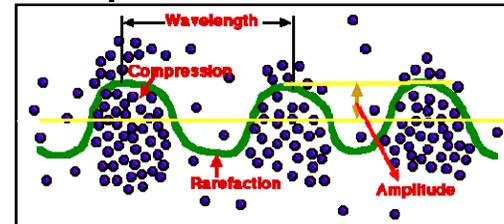
What is wrong with this statement?

A toy car will travel just as fast on carpet as it will on a wood floor.

- A. There is nothing wrong with the statement.
- B. **The toy car will move slower on the carpet due to friction.**
- C. The toy car will move faster on the carpet due to friction.
- D. The toy car will move slower on the wood floor due to friction.

3.PS.C.4

Thursday - Graphic of the Week



The diagram above is of a

- A. ocean wave
- B. brain wave
- C. **sound wave**
- D. none of the above

5.PS.F.6



Daily Science Week in Review #1 (GP4)

Name _____ KEY _____ Date _____

1. Sound waves are made up compressions where air particles are pressed together and _____ rarefactions _____ where the particles are spread apart.
2. Scientists conduct investigations and experiments to separate facts from _____ opinions _____.
3. Friction is a _____ force _____ that affects motion.
4. Another word for characteristic of a substance is _____ property _____.

There is a box on the table with the following objects: baby bottle nipple, basketball, rain boots and rubber bands. What is the property that they all have in common? What is another object that would belong in the box? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #2 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Using the metric system, what unit of measure would you use to find the mass of a paper clip?

- A. ounces
- B. pounds
- C. grams
- D. kilograms

3.SI.A.1

Tuesday - Vocabulary Term of the Week

The movement of heat or thermal energy is always from

- A. right to left.
- B. left to right.
- C. warmer object or area to cooler object or area.
- D. cooler object or area to warmer object or area.

5.PS.D.1

Wednesday - Misconception of the Week

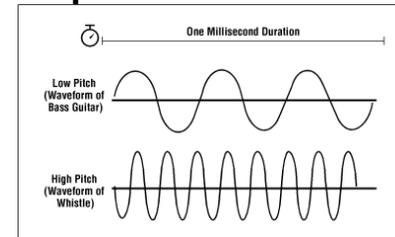
What is wrong with this statement?

An electric circuit must be open in order for the current to move.

- A. There is nothing wrong with the statement.
- B. The circuit must be closed.
- C. The circuit must be open for a strong current.
- D. The circuit must be open for a weak current.

5.PS.E.4

Thursday - Graphic of the Week



The chart above shows wavelength of a low pitch and high pitch whistle. What is the difference between the two?

- A. low pitch has increased vibrations
- B. low pitch has decreased vibrations
- C. high pitch has increased vibrations
- D. high pitch has decreased vibrations

5.PS.F.7



Daily Science Week in Review #2 (GP4)

Name _____ KEY _____ Date _____

1. To change the pitch of a sound _____ vibrations _____ are increased or decreased.
2. In order to conduct an electric current a circuit must be _____ closed or complete _____.
3. The transfer of _____ thermal _____ energy moves from warmer objects or areas to cooler objects or areas.
4. Accurate linear _____ measurements _____ are important when collecting data in an experiment or investigation.

Draw a diagram of a closed circuit including wire, a light bulb and a battery. Label all pictures.



Daily Science Review #3 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

As a part of an experiment, Beth records the temperature of ice water. She recorded the temperature as 38°C. What error did she make?

- A. ice water is too cold to measure
- B. there was no error
- C. she should have stirred the water
- D. she should have recorded the temperature as 38°F

3.SI.B.2

Tuesday - Vocabulary Term of the Week

As a glacier melts and recedes it deposits materials that have been moved from one area to another. What is this deposition called?

- A. erosion
- B. moraine
- C. sediment
- D. weathering

4.PS.B.8

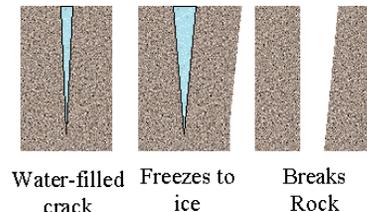
Wednesday - Misconception of the Week

What is wrong with this statement?
Weathering is the gradual wearing down of the Earth's surface by wind, water and ice.

- A. There is nothing wrong with the statement.
- B. The gradual wearing down is erosion.
- C. The gradual wearing down is deposition.
- D. Weathering is done by the climate.

4.PS.B.8

Thursday - Graphic of the Week



This is a diagram of rocks being weathered. What is the process called?

- A. freezing and thawing
- B. landslides
- C. earthquakes
- D. tectonic shift

4.PS.B.9



Daily Science Week in Review #3 (GP4)

Name _____ KEY _____ Date _____

1. Freezing and thawing is a _____ weathering _____ process that changes the Earth's surface over time.
2. Weathering can change the Earth's surface by wind, water or _____ ice _____.
3. Accurate _____ data _____ is important for a successful experiment or investigation.
4. Glaciers leave behind ridges of rocks called _____ moraine _____ as they recede.

You are working on an investigation looking at daily temperatures and gather the following data: 45°, 46°, 53°, 48°, 45° and 45°. Make a table to report your findings. Remember to label all of your columns.



Daily Science Review #4 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

You are conducting an investigation using 3 identical plants. You place one in the window, one under a desk and another in the closet. Identify the variable you are testing.

- A. plant size
- B. plant growth
- C. **plant location**
- D. plant type

4.SI.C.4

Tuesday - Vocabulary Term of the Week

Which of the following is the energy of motion?

- A. **kinetic**
- B. potential
- C. solar
- D. none of the above

3.PS.C.2

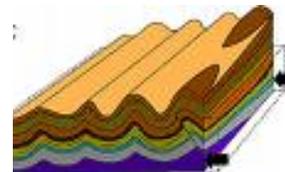
Wednesday - Misconception of the Week

What is wrong with this statement?
Food is made in the roots of the plant.

- A. There is nothing wrong with the statement.
- B. Food is made primarily in the roots.
- C. Food is made primarily in the stem.
- D. **Food is made primarily in the leaves.**

4.LS.B.2

Thursday - Graphic of the Week



What slow change to the Earth's surface is shown here?

- A. **tectonic plates building folded mountains**
- B. tectonic plates building fault-block mountains
- C. a landslide
- D. glacial moraine

4.ES.B.10



Daily Science Week in Review #4 (GP4)

Name _____ KEY _____ Date _____

1. The movement of _____ tectonic plates _____ over time can build mountains.
2. The primary role of the leaf in a plant is to make _____ food _____.
3. _____ Variables _____ are things that can change in an investigation or experiment.
4. Energy stored in an object is _____ potential energy _____.

Explain the need for the transfer of energy between the sun and plants. Use words and pictures. Label all pictures.



Daily Science Review #5 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Which statement is a testable hypothesis?

- A. Apples are good for you.
- B. Soup tastes better with salt.
- C. **Sound travels faster in water than in air.**
- D. There are many good designs for paper airplanes.

4.SI.C.3

Tuesday - Vocabulary Term of the Week

Dipping a piece of paper into colored water is an example of

- A. chemical change
- B. **physical change**
- C. exothermic reaction
- D. endothermic reaction

4.PS.A.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Plants need oxygen in order to produce food.

- A. There is nothing wrong with the statement.
- B. Plants only need water to produce food.
- C. **Plants need carbon dioxide to produce food.**
- D. Plants produce food from the soil.

5.LS.B.1

Thursday - Graphic of the Week



Identify the consumer in this model.

- A. leaves
- B. heron
- C. frog
- D. **slug, frog and heron**

5.LS.B.3



Daily Science Week in Review #5 (GP4)

Name _____ KEY _____ Date _____

1. Consumers can be herbivores, carnivores or omnivores.
2. Plants use carbon dioxide and sunlight to make food.
3. A testable hypothesis should not include personal opinion.
4. Changes in color only are a physical change.

Draw an energy pyramid with producers, herbivores and carnivores. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #6 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Which of the following would you use to measure the mass of a ping pong ball?

- A. graduated cylinder
- B. thermometer
- C. **balance scale**
- D. hand lens

3.SI.A.1

Tuesday - Vocabulary Term of the Week

What is an anemometer used for?

- A. **measuring wind speed**
- B. weighing objects
- C. determining wind direction
- D. measuring barometric pressure

5.SI.A.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Barometers measure air pressure in inches.

- A. There is nothing wrong with the statement.
- B. Barometers measure air pressure in centimeters.
- C. Barometers measure air pressure in pounds.
- D. **Barometers measure air pressure in inches of mercury.**

5.SI.A.1

Thursday - Graphic of the Week



What is this a model of?

- A. Earth's orbit
- B. **the moon's orbit**
- C. the solar system
- D. the universe

5.ES.A.2



Daily Science Week in Review #6 (GP4)

Name _____ KEY _____ Date _____

1. It takes approximately 30 days for the moon to complete its orbit around the Earth.
2. A barometer measures air pressure/barometric pressure in inches of Mercury.
3. Wind speed is measured with an anemometer.
4. A scale (balance, spring etc) is used to find the mass of an object.

Describe how to find the mass of a tennis ball. Use words and pictures. Label all pictures.



Daily Science Review #7 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Two groups wanted to find out which playground balls would go farthest. They decided to let each ball roll down a ramp. Which of the following variables must remain constant if they want a fair test?

- A. size of ball
- B. **incline of ramp**
- C. weight of ramp
- D. none of the above

4.SI.C.5

Tuesday - Vocabulary Term of the Week

What is the process by which water changes from a gas to a liquid?

- A. **condensation**
- B. evaporation
- C. precipitation
- D. alienation

4.ES.D.2

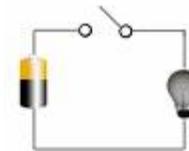
Wednesday - Misconception of the Week

What is wrong with this statement?
Weathering is the same as erosion.

- A. There is nothing wrong with the statement.
- B. Weathering is the breakdown of the rocks.
- C. Erosion is the transfer, by wind, water or ice, of the rocks to a new location.
- D. **Both A and B**

4.ES.B.8

Thursday - Graphic of the Week



Is this an open or closed circuit?

- A. **Open because the circuit is incomplete.**
- B. Open so the current can flow.
- C. Closed because the circuit is incomplete.
- D. Closed so the current can flow.

5.PS.E.4



Daily Science Week in Review #7 (GP4)

Name _____ KEY _____ Date _____

1. An open circuit does not allow the _____ current _____ to flow.
2. Erosion is evidence that _____ weathering _____ has occurred.
3. Investigations have many variables, some of which should not _____ change _____ in order to have a fair test.
4. The water cycle is one way that water changes its _____ state of matter _____.

If you were conducting an investigation in an attempt to answer whether or not plants will change color if they are watered with Kool-Aid®, what variable or variables should remain constant? Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #8 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

What is the first step in a science investigation or experiment?

- A. create a graph
- B. research
- C. **form a hypothesis**
- D. draw conclusions

3.ST.B.4

Tuesday - Vocabulary Term of the Week

_____ is the measurement of _____.

- A. circuit, temperature
- B. thermal energy, temperature
- C. temperature, circuit
- D. **temperature, thermal energy**

5.PS.D.1

Wednesday - Misconception of the Week

What is wrong with this statement?

Air is not matter because you cannot see it.

- A. There is nothing wrong with the statement.
- B. Air is an abiotic.
- C. Air has a fixed shape.
- D. **Air takes up space.**

4.PS.B.4

Thursday - Graphic of the Week



Which phase of the moon will occur next?

- A. 
- B. 
- C. 
- D. 

5.ES.A.2



Daily Science Week in Review #8 (GP4)

Name _____ KEY _____ Date _____

1. Moon phases are actually the _____ reflection _____ of light of the sun off the moon.
2. Air takes up space and therefore, is _____ matter _____.
3. The measure of _____ thermal energy _____ is temperature.
4. There are many _____ steps _____ in a scientific investigation or experiment.

Explain what a New Moon is. Use words and pictures to explain your answer. Label all pictures.



Daily Science Review #9 (GP4)

Name _____ KEY _____ Date _____

Monday - Process Skill of the Week

Scientists who want to study volcanoes can use which of these tools?

- A. a thermometer to measure the temperature of the lava
- B. telescopes to view the volcano
- C. balance scale to weigh lava
- D. graduated cylinder to measure lava flow

3.ST.A.1

Tuesday - Vocabulary Term of the Week

Which describes what soil is made of?

- A. dead plants and animals
- B. broken rocks
- C. minerals
- D. all of the above

3.ES.C.4

Wednesday - Misconception of the Week

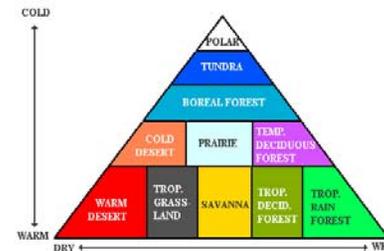
What is wrong with this statement?

Two magnets will always attract each other.

- A. There is nothing wrong with the statement.
- B. Magnets can repel each other.
- C. Magnets always repel each other.
- D. Magnetism is a force of motion.

3.PS.C.3

Thursday - Graphic of the Week



According to the chart above, which biome is coldest?

- A. savanna
- B. tundra
- C. boreal forest
- D. polar

5.LS.C.5



Daily Science Week in Review #9 (GP4)

Name _____ KEY _____ Date _____

1. Ecosystems located in a _____ polar _____ biome have special adaptations to survive in the low temperatures.
2. Magnets can change the _____ motion _____ of an object.
3. Soil is made from broken rocks, dead plants and animals and _____ minerals _____.
4. Scientists use tools that are appropriate and _____ safe _____ for an investigation or experiment.

Give an example of each of the three states of matter. Use words and pictures. Label all pictures.