

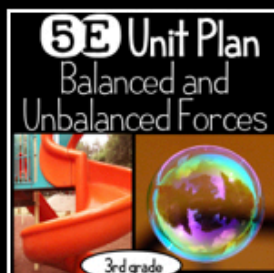
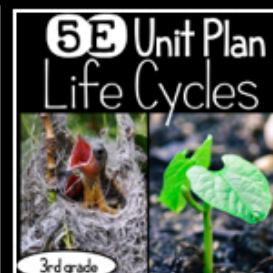
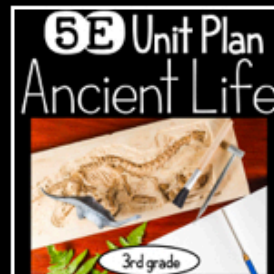
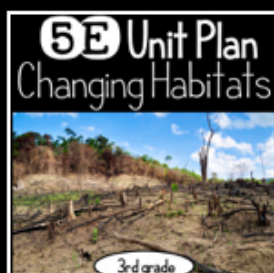
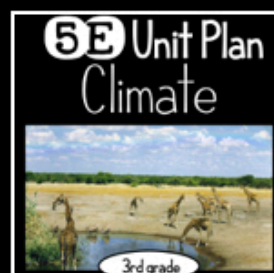
NGSS 3rd Grade Assessments

Aligned with 5E Units

5E Unit Plans

BUNDLE

3rd grade



Environment & Traits

Name: _____

Match the picture with the words:



1. learned trait



2. acquired trait

Choose the best answer to the question:

3. What kind of traits are found in genes?

- a. Acquired
- b. Normal
- c. Inherited
- d. Learned

4. Where does a plant or animal get its traits?

- a. From its parents
- b. From the environment
- c. By learning the trait
- d. All of the above

5. Which of these is an example of an acquired trait?

- a. A spider knows how to spin a web.
- b. A butterfly's wing is damaged by a bird.
- c. A tree has brown bark, green leaves, and pink flowers.
- d. A bee finds that orange flowers have the most nectar.

Choose the best word that completes the sentence:

6. A _____ is a feature that describes an organism.

7. _____ traits happen when something in the environment makes a plant or animal change.

8. A bee finds that orange flowers have the best nectar and chooses only orange flowers.

This is an example of a _____ trait.

9. A tree grows crooked because it is growing on a slope. This is an example of an _____ trait.

Word Bank

acquired
learned
trait
acquired

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Inherited traits are traits that are passed from parents to offspring.
T / F	11. Having pointed ears is an inherited trait on a husky dog.
T / F	12. Acquired traits are traits that an animal learned in its environment.

Unit Test 1

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Two Tests per Standard

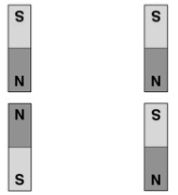
NGSS 3rd Grade Assessments

Physical Science

Magnetism

Name: _____

Match the picture with the words:



1. magnets are attracted
2. magnets are repelled

Choose the best answer to the question:

3. What helps us to see the magnetic field around a magnet?

- We can never see magnetic fields around magnets.
- We can always see magnetic fields around magnets.
- Iron powder lines up on the magnetic field lines.
- An electromagnet lets us see the lines.

4. What types of things are not attracted to magnets?

- Wood
- Glass
- Plastic
- All of the above

5. What is true about an electromagnet?

- It is made from a magnetic compass.
- A current runs through a metal coil.
- It makes a magnet with 2 north poles.
- It creates electricity from a magnet.

Choose the best word that completes the sentence:

6. Magnets are attracted to things with _____, nickel, and cobalt.

7. Strong magnets have a _____ magnetic pull.

8. Electromagnets are useful for moving large, heavy _____ things.

9. A magnetic compass lines up with Earth's magnetic _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. A magnetic field pulls some metal things toward a magnet.
T / F	11. To be attracted to a magnet, things must be outside its magnetic field.
T / F	12. A magnetic compass lines up with the moon's magnetic field.

Unit Test 2

Patterns in Motion

Name: _____

Match the picture with the words:



1. moves in an up-and-down motion
2. moves in a back-and-forth motion

Choose the best answer to the question:

3. What is a pattern?

- Something that repeats
- A piece of colorful fabric
- A way to stop something
- Something that goes one way

4. What is true about a force?

- It is a push on something.
- It is a pull on something.
- It can change an object's motion.
- All of the above

5. What does friction do to a swing?

- It slows it down.
- It makes a breeze.
- It makes it go higher.
- It cools the swing down.

Choose the best word that completes the sentence:

6. _____ is a force that pulls things toward Earth.

7. A _____ is a weight that hangs from a fixed point.

8. Friction makes moving things _____.

9. A _____ can make an object start to move, stop moving, or keep moving.

Decide if the sentence is True or False. Circle T for True and F for False.

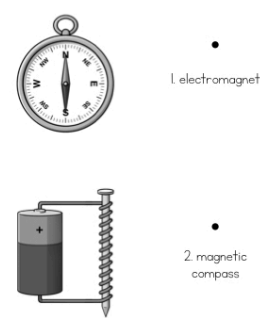
T / F	10. Friction is a force that happens when two things touch.
T / F	11. An example of a pendulum is a seesaw.
T / F	12. Things do not move in a pattern.

Unit Test 2

Magnetism

Name: _____

Match the picture with the words:



1. electromagnet
2. magnetic compass

Choose the best answer to the question:

3. Which magnets will repel each other?

- 
- 
- 
- 

4. What is true about a magnetic field?

- It is the force around a magnet.
- It is found between the north and south poles.
- It pulls some metal things toward a magnet.
- All of the above

5. How does a magnetic compass work?

- It lines up with the moon's pull of gravity.
- It follows the GPS satellites around Earth.
- It lines up with the Earth's magnetic field.
- It gets energy from an electric current and a metal coil.

Choose the best word that completes the sentence:

6. A magnet's north pole is attracted to the _____ pole on another magnet.

7. Magnets do not _____ things made of wood, glass, and plastic.

8. _____ powder helps us to see the magnetic field around a magnet.

9. To be attracted to a magnet, things must be inside its _____ field.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Magnets are attracted to things with iron, nickel, and cobalt in them.
T / F	11. Strong magnets have a smaller magnetic pull.
T / F	12. Electromagnets are useful for moving large, heavy metal things.

Unit Test 1

Patterns in Motion

Name: _____

Match the picture with the words:



1. moves in an up-and-down motion
2. moves in a back-and-forth motion

Choose the best answer to the question:

3. What is gravity?

- Makes swings go up and down
- A force that pulls things toward Earth
- Energy that pushes things out to space
- Electric charge between things that touch

4. What is a pendulum?

- A force between two things
- Makes a seesaw go up and down
- A weight that hangs from a fixed point
- All of the above

5. What happens when a person on a swing stops moving?

- She falls off.
- She speeds up.
- She slows down.
- She goes sideways.

Choose the best word that completes the sentence:

6. A _____ means something repeats.

7. _____ is a push or a pull on something.

8. An example of a pendulum is _____.

9. _____ is a force that happens when two objects touch.

Decide if the sentence is True or False. Circle T for True and F for False.

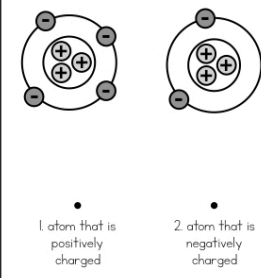
T / F	10. Friction keeps things moving.
T / F	11. A force can make things start to move, stop moving, or keep moving.
T / F	12. Friction from air can slow things down.

Unit Test 1

Static Electricity

Name: _____

Match the picture with the words:



1. atom that is positively charged
2. atom that is negatively charged

Choose the best answer to the question:

3. What is true about a proton?

- Has a negative charge
- Found inside an atom
- Can move from one atom to another
- All of the above

4. How does static electricity happen?

- When something rubs another thing
- When electrons flow from one thing to another
- When negative charges build up on something
- All of the above

5. What does it mean when things are repelled by each other?

- They move away from each other.
- They move toward each other.
- There is a positive and a negative charge.
- There is an up and a down charge.

Choose the best word that completes the sentence:

6. _____ have negative charges.

7. _____ are the smallest parts of all things.

8. An atom that loses electrons becomes _____ charged.

9. Things that are attracted to each other move _____ each other.

Decide if the sentence is True or False. Circle T for True and F for False.

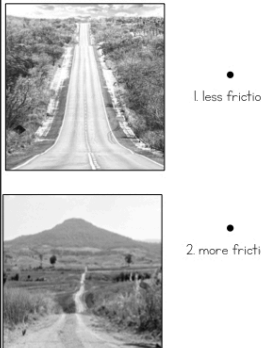
T / F	10. One of the particles in an atom is an electron.
T / F	11. Things with opposite charges are repelled by each other.
T / F	12. Protons have a positive charge.

Unit Test 2

Force & Motion

Name: _____

Match the picture with the words:



1. less friction
2. more friction

Choose the best answer to the question:

3. What is true about an unbalanced force?

- It keeps things still.
- It makes things move.
- It makes forces go away.
- It happens with only one force.

4. What does gravity do to a ball?

- Pushes it into the air
- Keeps the ball round
- Pulls it toward Earth
- Makes the ball bounce back up

5. What kinds of forces act on a book on a shelf?

- Gravity pulls it down.
- The shelf pushes up on it.
- Balanced forces keep it still.
- All of the above

Choose the best word that completes the sentence:

6. _____ forces make an object move.

7. _____ forces make an object stay in its place.

8. _____ happens when two things touch.

9. A ball will roll _____ on a wood floor than on grass.

Decide if the sentence is True or False. Circle T for True and F for False.

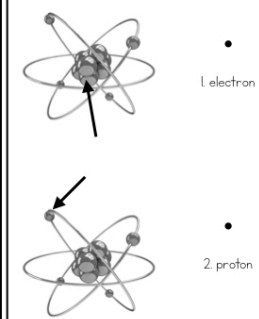
T / F	10. A force is a push or a pull on an object.
T / F	11. You kick a soccer ball. This is a balanced force.
T / F	12. When a ball rolls on grass, force from friction slows it down.

Unit Test 2

Static Electricity

Name: _____

Match the picture with the words:



1. electron
2. proton

Choose the best answer to the question:

3. What are atoms?

- Smallest parts of all things
- The biggest objects on Earth
- Negative charges inside a proton
- Things that have positive charges

4. What is true about an electron?

- Has a negative charge
- Found inside an atom
- Can move from one atom to another
- All of the above

5. What does it mean when things are attracted to each other?

- They move away from each other.
- They move toward each other.
- They both have negative charges.
- They both have positive charges.

Choose the best word that completes the sentence:

6. _____ electricity happens when electrons build up in an object.

7. _____ have positive charges.

8. An atom that gains electrons becomes _____ charged.

9. Things that repel each other move _____ each other.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. An atom that loses electrons becomes negatively charged.
T / F	11. Static electricity cannot build up when you rub something.
T / F	12. Lightning is caused by static electricity.

Unit Test 1

Force & Motion

Name: _____

Match the picture with the words:



1. unbalanced force
2. balanced force

Choose the best answer to the question:

3. What is true about friction?

- It makes things go faster.
- It makes things cold.
- It happens when two things touch.
- It happens when something stops.

4. What is true about gravity?

- It is not a force.
- It is the same as friction.
- It pushes things into the sky.
- It pulls things toward Earth.

5. What is a push or pull on an object?

- Force
- Action
- Speed
- Energy

Choose the best word that completes the sentence:

6. A _____ affects the way an object moves.

7. When a box falls off a shelf, the force of _____ pulls it to Earth.

8. When a ball rolls on grass, force from _____ slows it down.

9. _____ forces make an object sit still.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. A ball on grass will roll farther than a ball on a wood floor.
T / F	11. A shelf pushes up on a book that is sitting on it.
T / F	12. A box is pushed off a shelf. This is an unbalanced force.

Unit Test 1

NGSS 3rd Grade Assessments

Life Science

Ancient Life Name: _____

Match the picture with the words:

1. body fossil

2. trace fossil

Choose the best answer to the question:

3. Which of these is an example of something that forms a trace fossil?

- Shark's tooth
- Snail track
- Leaf impression
- Sea shell

4. What does decay mean?

- To become a fossil
- To completely die out
- A fossil becomes alive again
- Energy and nutrients are returned to the soil

5. What kind of fossil is this?

- Mold fossil
- Body fossil
- Trace fossil
- Fossil record

Choose the best word that completes the sentence:

6. Fossilized dinosaur eggs are an example of a _____ fossil.

7. A scientist who studies fossils is a _____.

8. A _____ fossil forms when a shell leaves an impression and the impression becomes fossilized.

9. When something _____, its energy and nutrients are returned to the soil by bacteria, fungi, and other animals that eat it.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Dinosaur bones that slowly decay and become fossilized are body fossils.
T / F	11. Petrified wood is an example of a body fossil.
T / F	12. The fossil record is the book that shows where fossils have been found.

Unit Test 1

Ancient Life Name: _____

Match the picture with the words:

1. mold fossil

2. body fossil

Choose the best answer to the question:

3. What kind of fossil is this?

- Mold fossil
- Body fossil
- Trace fossil
- Fossil record

4. What is the fossil record?

- Book that has a list of where fossils are found
- Dinosaur that left behind the most fossils
- Biggest number of fossils found by one person
- The total number of fossils that have been found

5. What type of fossil is petrified wood?

- Mold fossil
- Body fossil
- Trace fossil
- Fossil record

Choose the best word that completes the sentence:

6. Dinosaur bones that slowly decay and become fossilized are _____ fossils.

7. To _____ means an organism's energy and nutrients are returned to the soil.

8. A burrow that becomes fossilized is a _____ fossil.

9. The _____ is the total number of fossils that have been discovered.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. This is an example of a body fossil.
T / F	11. A mold fossil forms when a shell leaves an impression and the impression becomes fossilized.
T / F	12. A scientist who studies living plants and animals is a paleontologist.

Unit Test 2

Adaptations Name: _____

Match the picture with the words:

1. body adaptation

2. behavior adaptation

Choose the best answer to the question:

3. What is a trait?

- Moving from one place to another
- Sleeping for many months
- A group of similar organisms that can reproduce
- A way to describe a part of an organism's body or behavior

4. What is a body adaptation?

- An adaptation that is on parts of the body
- Moving from one place to another to find food
- What an organism does to survive and reproduce
- Sleeping for many months at a time during harsh weather

5. Which of these is an example of behavior adaptation?

- Camouflage
- Mimicry
- Migration
- Thorns

Choose the best word that completes the sentence:

6. An _____ is a trait or behavior that helps an organism survive and reproduce.

7. Camouflage is an example of _____ adaptation.

8. _____ is when an animal goes into a deep sleep, and slows its heart rate and breathing.

9. _____ is when an animal's colors or behavior copies another organism.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Natural selection happens when an organism lives forever.
T / F	11. Mimicry is an example of body adaptation.
T / F	12. Snails hibernate in the summer.

Unit Test 1

Adaptations Name: _____

Match the picture with the words:

1. body adaptation

2. behavior adaptation

Choose the best answer to the question:

3. What is an adaptation?

- A trait or behavior that helps an organism survive and reproduce
- A group of similar organisms that can reproduce
- Moving from one place to another
- Sleeping for many months

4. What is natural selection?

- When organisms live forever because of their traits
- When plants live better because they are eaten by animals
- When animals are happier because they live together in groups
- When species are better able to live and reproduce because of their traits

5. Which of these is an example of a body adaptation?

- Hibernation
- Mimicry
- Migration
- Trait

Choose the best word that completes the sentence:

6. A _____ is a feature that describes an organism.

7. A _____ adaptation is an adaptation that is on parts of the body.

8. _____ is when an animal's colors or behavior copies another organism.

9. The time of year when snails hibernate is the _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Camouflage is an example of body adaptation.
T / F	11. Finding food is an example of behavior adaptation.
T / F	12. Hibernation is when an animal's body mimics another animal's body.

Unit Test 2

Natural Selection Name: _____

Match the picture with the words:

1. mimicry

2. camouflage

Choose the best answer to the question:

3. What kind of animals use mimicry?

- Predators
- Prey
- Predators and Prey
- No animals use mimicry

4. What is camouflage?

- When a species is better able to live and reproduce because of its traits
- A way to describe a part of an organism's body or its behavior
- Colors and patterns on fur and skin to help an animal hide
- Shapes and colors that mimic another plant or animal

5. What is natural selection?

- When a species is better able to live and reproduce because of its traits
- A way to describe a part of an organism's body or its behavior
- Colors and patterns on fur and skin to help an animal hide
- Shapes and colors that mimic another plant or animal

Choose the best word that completes the sentence:

6. Some _____ have spots on their wings that look like owl eyes.

7. _____ is shapes and colors that mimic another plant or animal.

8. A _____ is a way to describe a part of an organism's body or behavior.

9. An example of _____ is when an arctic fox has white fur, blending in with the snow.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Only prey animals use camouflage.
T / F	11. When an organism lives better, it is able to reproduce more.
T / F	12. All organisms in the same species have similar traits.

Unit Test 1

Natural Selection Name: _____

Match the picture with the words:

1. mimicry

2. camouflage

Choose the best answer to the question:

3. Which picture shows a predator using camouflage to sneak up on its food?

-
-
-
-

4. What is mimicry?

- Shapes and colors that mimic another plant or animal
- A way to describe a part of an organism's body or its behavior
- Colors and patterns on fur and skin to help an animal hide
- When a species is better able to live and reproduce because of its traits

5. What happens when an organism lives better in its environment?

- It is healthier.
- It is able to live longer.
- It can reproduce more
- All of the above.

Choose the best word that completes the sentence:

6. _____ is colors and patterns on fur and skin to help an animal hide.

7. _____ is when a species is better able to live and reproduce because of its traits.

8. All organisms in the same species have similar _____.

9. An organism is able to live better in its environment because of its traits. It passes the traits on to its _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Only predators use mimicry.
T / F	11. A trait is a way to describe a part of an organism's body or behavior.
T / F	12. Some rabbits have big ears to help them keep warm.

Unit Test 2

Changing Habitats Name: _____

Match the picture with the words:

1. producer

2. consumer

Choose the best answer to the question:

3. What is a carnivore?

- An organism that eats plants and animals
- An organism that produces its own food
- An organism that eats only plants
- An organism that eats only animals

4. What is a habitat?

- The flow of energy through a food
- The natural environment of an organism
- The cutting down of trees in an environment
- The ability to turn the energy from the sun into food

5. In a food chain, how does energy move?

- From the sun to consumers
- From consumers to producers
- From producers to consumers
- From producers to the sun

Choose the best word that completes the sentence:

6. A dam built by a beaver is a natural reason a _____ changes.

7. An _____ is an animal that eats only plants.

8. _____ cause most of the habitat change on Earth.

9. Governments are passing _____ to help protect areas.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. Photosynthesis is when energy from food is turned into sunlight.
T / F	11. An omnivore is an animal that eats both plants and animals.
T / F	12. If a habitat changes, all organisms die out.

Unit Test 1

Changing Habitats Name: _____

Match the picture with the words:

1. herbivore

2. carnivore

Choose the best answer to the question:

3. One natural cause of habitat change is _____.

- flooding in a stream
- all the trees in a forest were cut down
- plants cut down for new roads and homes
- All of the above

4. What is an omnivore?

- An organism that makes its own food
- An organism that eats both plants and animals
- An organism that turns energy from the sun into food
- An organism that does not need to eat in order to live

5. If a habitat changes, can organisms still live there?

- Yes, sometimes without needing to change
- Yes, sometimes with adaptations to their bodies
- No, they will die out
- All of the above

Choose the best word that completes the sentence:

6. Thousands of acres of tropical _____ are cut down every year.

7. A _____ is an organism that makes its own food.

8. Photosynthesis is when energy from the _____ is turned into food.

9. A _____ is an organism that eats other organisms.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F	10. A habitat is the natural environment of an organism.
T / F	11. In a food chain, energy moves from consumers to producers.
T / F	12. A beaver dam is a natural cause of habitat change.

Unit Test 2

NGSS 3rd Grade Assessments

Life Science

Life Cycles

Name: _____

Match the picture with the words:



1. larva



2. adult

Choose the best answer to the question:

3. What is a life cycle?
- The amount of time it takes for a tree to grow a flower.
 - The way a baby chicken hatches out of an egg.
 - All the changes that happen during a plant or animal's life.
 - When pollen is moved from one flower to another.
4. What is metamorphosis?
- When an animal's body makes big changes before it becomes an adult.
 - All the changes that a baby human makes before it becomes an adult.
 - What happens after a seed is planted in the ground.
 - The way a flower uses color to bring pollinators to it.

5. Which picture shows a pupa?



a

c

b

d

Choose the best word that completes the sentence:

6. The _____ is the first stage in many animals' life cycles. It protects and feeds the growing animal.
7. A _____ sends roots down and stems and leaves up.
8. Most _____ do not lay eggs.

9. Seeds are found inside _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Pollen is made in a flower.

T / F 11. A flower helps the plant grow tall.

T / F 12. Nymph is a stage in incomplete metamorphosis.

Word Bank

egg
mammals
fruit
seed

Unit Test 1

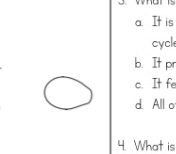
Life Cycles

Name: _____

Match the picture with the words:



1. flower



2. seed

Choose the best answer to the question:

3. What is true about an egg?
- It is the first stage in many animals' life cycles.
 - It protects the growing animal.
 - It feeds the growing animal.
 - All of the above.
4. What is true about a seed?
- It can be found in a fruit.
 - It sends roots up in the air.
 - It gives the plant water.
 - All of the above.

5. Where is pollen made?

- In a beehive.
- In a flower.
- In the seed.
- In pollinators.

Choose the best word that completes the sentence:

6. A _____ helps the plant reproduce.
7. A life cycle is all the _____ that happen during a plant or animal's life.
8. Nymph is a _____ in incomplete metamorphosis.
9. Birds, bats and _____ help pollinate flowers.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Metamorphosis means an animal's body makes big changes before it becomes an adult.

T / F 11. This is a picture of a pupa.

T / F 12. Birds, bats and bees help pollinate flowers.

Word Bank

stage
bees
flower
changes

Unit Test 2

Inheritance of Traits

Name: _____

Match the picture with the words:



has holes

1. inherited trait



has two horns

2. not inherited trait

Choose the best answer to the question:

3. What is true about a trait?
- It is never passed from parent to offspring.
 - It is a feature that describes an organism.
 - It is always inherited.
 - All of the above.
4. What is an inherited trait?
- What an animal learns from its mother.
 - When a plant gets eaten by an animal.
 - A trait passed from parents to offspring.
 - When an organism changes another organism.
5. What does cold-blooded mean?
- An animal does not make heat inside its body.
 - An animal makes heat inside its body.
 - An animal does not like the summer.
 - An animal freezes in the winter.

Choose the best word that completes the sentence:

6. A _____ is a group of similar organisms that can reproduce.
7. _____ are instructions for the body.
8. _____-blooded animals make heat inside their bodies.
9. Inherited traits are passed from _____ to offspring.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. The size of a ladybug's spots is an inherited trait.

T / F 11. An organism's inherited traits are found in its genes.

T / F 12. All animals in a species look exactly the same.

Word Bank

parents
genes
species
warm

Unit Test 1

Animal Groups

Name: _____

Match the picture with the words:



1. prey



2. predator

Choose the best answer to the question:

3. Which animal lives in groups to stay warm?
- Wolves.
 - Penguins.
 - Dolphins.
 - Ants.
4. Why do flying squirrels live in groups?
- To find food.
 - To stay warm.
 - Both a and b.
 - Neither a nor b.
5. What do prairie dogs do when there is danger nearby?
- They make a warning sound.
 - They chase the predator away.
 - They fly to the top of the nearest tree.
 - All of the above.

Choose the best word that completes the sentence:

6. A prairie dog home is called a _____.
7. Sardines live in groups to stay _____.
8. The _____ wolves run in front of the prey.
9. If there were more _____ than prey in an area, the predators would starve.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Ants and termites communicate with each other using sounds.

T / F 11. Dolphins communicate to find warm water and to find food.

T / F 12. Wolves live in groups in order to help each other find food.

Word Bank

safe
predators
burrow
female

Unit Test 1

Animal Groups

Name: _____

Match the picture with the words:



1. These animals live in groups to stay warm.



2. These animals live in groups to find food.

Choose the best answer to the question:

3. Why are there more prey animals in an area than predators?
- The prey animals eat all the extra predators.
 - None. There are more predators than prey animals.
 - If there were too many predators, they would starve.
 - Predators like to look at a lot of prey animals.
4. What are prairie dog homes called?
- Burrows.
 - Hives.
 - Troops.
 - Pods.
5. Why do sardines live in groups?
- Find food.
 - Stay warm.
 - Chase prey.
 - Stay safe.

Choose the best word that completes the sentence:

6. A _____ is an animal that hunts other animals.
7. Prairie dogs make a warning _____ when danger is nearby.
8. Dolphins communicate to find each other and show where _____ is.
9. Ants and termites communicate with each other using _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Flying squirrels live in groups to find food and to stay warm.

T / F 11. A prey animal hunts other animals.

T / F 12. All wolves in a pack have the same jobs.

Word Bank

prey
smells
predator
sound

Unit Test 2

Environment & Traits

Name: _____

Match the picture with the words:



1. learned trait



2. acquired trait

Choose the best answer to the question:

3. What kind of traits are found in genes?
- Acquired.
 - Normal.
 - Inherited.
 - Learned.
4. Where does a plant or animal get its traits?
- From its parents.
 - From the environment.
 - By learning the trait.
 - All of the above.
5. Which of these is an example of an acquired trait?
- A spider knows how to spin a web.
 - A butterfly's wing is damaged by a bird.
 - A tree has brown bark, green leaves, and pink flowers.
 - A bee finds that orange flowers have the most nectar.

Choose the best word that completes the sentence:

6. A _____ is a feature that describes an organism.
7. _____ traits happen when something in the environment makes a plant or animal change.
8. A bee finds that orange flowers have the best nectar and chooses only orange flowers. This is an example of a _____ trait.
9. A tree grows crooked because it is growing on a slope. This is an example of an _____ trait.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Inherited traits are traits that are passed from parents to offspring.

T / F 11. Having pointed ears is an inherited trait on a husky dog.

T / F 12. Acquired traits are traits that an animal learned in its environment.

Word Bank

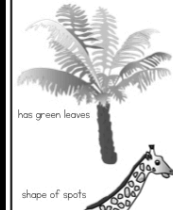
acquired
learned
trait
acquired

Unit Test 1

Inheritance of Traits

Name: _____

Match the picture with the words:



has green leaves

1. inherited trait



shape of spots

2. not inherited trait

Choose the best answer to the question:

3. What is a species?
- Animals or plants that are exactly alike.
 - Organisms that do not have genes in them.
 - Animals or plants that have no inherited traits.
 - A group of similar organisms that can reproduce.
4. Where are an organism's inherited traits found?
- Genes.
 - Food.
 - Water.
 - All of the above.
5. What is true about genes?
- They tell the body what to do and how to look.
 - Offspring get them from the parents.
 - They are instructions for the body.
 - All of the above.

Choose the best word that completes the sentence:

6. A _____ is a feature that describes an organism.
7. The size of a ladybug's spots is not an _____ trait.
8. _____-blooded animals do not make heat inside their bodies.
9. _____ tell the body what to do and how to look.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. An inherited trait is passed from parents to offspring.

T / F 11. A warm-blooded animal does not make heat in its body.

T / F 12. Inherited traits are passed from offspring to parents.

Word Bank

inherited
trait
genes
cold

Unit Test 2

NGSS 3rd Grade Assessments

Earth Science

Weather Name: _____

Match the picture with the words:

1. brings stormy weather

2. brings nice weather

Choose the best answer to the question:

3. On this picture, where is evaporation happening?

a. A
b. B
c. C
d. D

4. What is weather?

a. The condition that drives the water cycle
b. When water vapor is turned into ice crystals or rain
c. The outside conditions of a certain time and place
d. Tiny droplets or water or ice crystals that float in the air

5. What is precipitation?

a. Water or ice that falls from the sky in the form of rain, hail, snow, or sleet
b. A large group of tiny droplets or water or ice crystals that float in the air
c. When water moves from gas to liquid and back to gas again?
d. Water or ice that moves in underground streams

Choose the best word that completes the sentence:

6. The three parts of the water cycle are evaporation, precipitation, and _____.

7. A _____ is a large group of tiny droplets or water or ice crystals that float in the air.

8. _____ forms when ice falling from clouds melts to rain and then freezes again.

9. Most of the water on Earth is found in the _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. The Northern Hemisphere is tilted toward the sun during summer.

T / F 11. The three ways to describe weather are by temperature, clouds, and precipitation.

T / F 12. Evaporation is when a gas is turned into a solid or liquid.

Unit Test 1

Weather Name: _____

Match the picture with the words:

1. condensation

2. evaporation

Choose the best answer to the question:

3. What kind of weather does this cloud bring?

a. Fog or snow
b. Thunderstorm
c. Nice weather
d. Light rain

4. Why is the Northern Hemisphere warmer in the summer than winter?

a. There is more condensation in the summer than in the winter.
b. The Northern Hemisphere is tilted toward the sun during summer.
c. There are fewer clouds in the Northern Hemisphere in the summer.
d. The water cycle is not working in the Northern Hemisphere in the summer.

5. What is a cloud?

a. Water or ice that falls from the sky in the form of rain, hail, snow, or sleet
b. A large group of tiny droplets or water or ice crystals that float in the air
c. When water moves from gas to liquid and back to gas again?
d. Water or ice that moves in underground streams

Choose the best word that completes the sentence:

6. _____ is the outside conditions at a certain time and place.

7. _____ is water or ice that falls from the sky in the form of rain, hail, snow, or sleet.

8. Three ways to describe weather are by _____, clouds, and precipitation.

9. Most of the water on Earth is found in the _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. This cloud brings nice weather.

T / F 11. Condensation is when a gas is turned into a liquid or solid.

T / F 12. Snow forms when ice falling from clouds melts to rain and then freezes again.

Unit Test 2

Climate Name: _____

Match the picture with the words:

1. condensation

2. evaporation

Choose the best answer to the question:

3. What is weather?

a. The study of the atmosphere
b. The outside conditions at a certain time and place
c. The average weather of a place over a long period of time
d. When water changes from a gas to a liquid or solid and back to a gas again

4. When a place has many clouds what kind of climate does it have?

a. Cooler temperatures
b. More precipitation
c. More storms
d. All of the above

5. The spin of the Earth on its axis causes what to happen?

a. Rain to fall in some places but not in others
b. Water to evaporate faster from the oceans
c. The poles to receive less sunlight
d. All of the above

Choose the best word that completes the sentence:

6. _____ is the average weather of a place over a long period of time.

7. _____ is the study of the atmosphere.

8. The _____ of the Earth causes the poles to receive less sunlight.

9. The only part of the Earth to receive direct sunlight all year is the _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Weather has to do with what it is like outside over a long period of time.

T / F 11. When there is more evaporation of ocean water, it causes a windy climate.

T / F 12. The water cycle, Earth's spin, and Earth's tilt work together to affect Earth's climate.

Unit Test 1

Climate Name: _____

Match the picture with the words:

1. precipitation

2. condensation

Choose the best answer to the question:

3. What is climate?

a. The study of the atmosphere
b. The outside conditions at a certain time and place
c. The average weather of a place over a long period of time
d. When water changes from a gas to a liquid or solid and back to a gas again

4. What is meteorology?

a. The study of the atmosphere
b. The outside conditions at a certain time and place
c. The average weather of a place over a long period of time
d. When water changes from a gas to a liquid or solid and back to a gas again

5. The tilt of the Earth on its axis causes what to happen?

a. Rain to fall in some places but not in others
b. Water to evaporate faster from the oceans
c. The poles to receive less sunlight
d. All of the above

Choose the best word that completes the sentence:

6. _____ is the outside conditions at a certain time and place.

7. When it is hotter over the oceans, there is more evaporation. It makes the climate _____.

8. The _____ of the Earth causes rain to fall in some places but not in others.

9. The water cycle, Earth's spin, and Earth's tilt work together to affect Earth's _____.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. Climate has to do with what it is like outside over a short period of time.

T / F 11. When there are more clouds, there are fewer storms.

T / F 12. The only part of the Earth to receive direct sunlight all year is the Equator.

Unit Test 2

Extreme Weather Name: _____

Match the words with their description:

1. lightning

2. thunder

Choose the best answer to the question:

3. What is a weather hazard?

a. A dangerous weather system that threatens to hurt people, animals, or buildings
b. When water changes from a gas to a liquid or solid and back to a gas again
c. When water evaporates faster from the oceans
d. The outside conditions of a certain time and place

4. What is a tornado?

a. A storm with high winds, strong thunderstorms, and heavy rain
b. A storm that forms when air moves up and down very quickly
c. A storm in which rain turns to ice when it hits the Earth
d. A storm with heavy snow and high winds

5. What does a weather map show?

a. What stars to expect to see in the sky
b. The average climate in an area over 30 years
c. Where meteorologists live
d. The weather systems that are coming

Choose the best word that completes the sentence:

6. This picture shows a _____.

7. This picture shows a _____.

8. A(n) _____ is a storm in which rain turns to ice when it hits the Earth.

9. A(n) _____ is when there is a long period of time without enough rain.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. A hurricane is a severe storm with high winds, strong thunderstorms, and heavy rain.

T / F 11. A blizzard is a storm with heavy snow and high winds.

T / F 12. The only cause of drought is people.

Unit Test 1

Extreme Weather Name: _____

Match the picture with the words:

1. tornado

2. hurricane

Choose the best answer to the question:

3. What is a hurricane?

a. A storm with high winds, strong thunderstorms, and heavy rain
b. A storm that forms when air moves up and down very quickly
c. A storm in which rain turns to ice when it hits the Earth
d. A storm with heavy snow and high winds

4. What causes drought?

a. When people use too much water
b. When there is less rain than usual in an area
c. When the water supply is used up too quickly
d. All of the above

5. What is a blizzard?

a. A storm with high winds, strong thunderstorms, and heavy rain
b. A storm that forms when air moves up and down very quickly
c. A storm in which rain turns to ice when it hits the Earth
d. A storm with heavy snow and high winds

Choose the best word that completes the sentence:

6. _____ happens when air gets very hot very quickly.

7. _____ happens when there is friction between ice crystals in a cloud.

8. A _____ is a storm that forms when air moves up and down very quickly.

9. A _____ shows the weather systems that are coming.

Decide if the sentence is True or False. Circle T for True and F for False.

T / F 10. A weather hazard is a dangerous weather system that threatens to hurt people, animals, or buildings.

T / F 11. An ice storm is a storm in which rain turns to ice when it hits the Earth.

T / F 12. Meteorologists study outer space.

Unit Test 2

Teacher Notes

Assessments

The following assessments are traditional summative assessments. They include matching, multiple choice, fill-in-the-blank, and true/false questions. Short answer assessments are included in the Explain section of the 5E Units.

The assessments in this resource are aligned with the 5E Instructional Units for Third Grade. While they can be used with the Science Stations, there is a stronger alignment to the 5E Units.

There are two unit tests per standard, each containing 12-13 questions.. We also created a third test that is a combination of the two Unit Tests. The questions are repeated on the third test, but there are 24 questions altogether, rather than 12.

- Force & Motion 3PS21
- Patterns in Motion 3PS22
- Static Electricity 3PS23
- Magnetism 3PS23 & 3PS24

These assessments do not align with the intention of the Evaluate phase of the 5E Model of Instruction. These assessments are traditional, summative assessments that provide teachers with an alternative way to assess students' subject matter competency. We suggest that you use them along side the assessments in the Explain sections of the 5E Units.

For more information on the 5 E's, read the blog post series on 5E Instruction. We explain why we chose to use the 5E method of instruction and provide an in-depth explanation of each stage of the model.

Table of Contents

Teacher Notes

4

Physical Science

5

Life Science

22

Earth Science

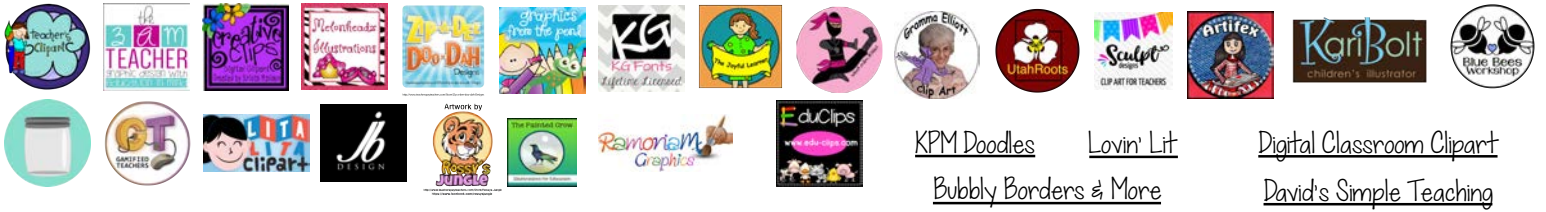
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Answer Key

68

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WHAT I have
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WORD PROBLEMS	CURRICULUM MAP TEMPLATE	ADDITION & SUBTRACTION
This is perfect for teachers whose students struggle solving word problems. Have you ever thought of removing the numbers from word problems? Great for first and second grades.	Do you struggle with long range planning? This curriculum map template will get you started on planning for your whole year!	Two-digit addition and subtraction can be tricky for students. Here is a sample of resources to help them explore different models and strategies.
Name: <input type="text"/> Email*: <input type="text"/> Grade (choose the best fit): <input type="text"/>	Name: <input type="text"/> Email*: <input type="text"/> What Grade Do You Teach?*: <input type="text"/>	Name: <input type="text"/> Email*: <input type="text"/> Grade (choose the best fit): <input type="text"/>
<input type="button" value="YES! I WANT IT!"/>	<input type="button" value="YES! I WANT IT!"/>	<input type="button" value="YES! I WANT IT!"/>

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