



2017



QUIZ

ENGLISH & SCIENCE

Online / Handwritten

Science
Grade III - IV



*Test Your knowledge
Take A Quiz!*

The quiz is a form of student assessment that measures knowledge, skills, and abilities. A quiz is generally a short assessment that can gauge a student's retention and comprehension. A quiz can function throughout a course as an informative feedback device, allowing both the instructor and the students to see where they are excelling or need more focus. In order to organize quizzes effectively, it is important to establish and understand the learning objectives that are being measured.



- Q. 1 Animals are classified according to whether or not they have a _____ .
- a. brain
c. backbone
- b. skin
d. house
- Q. 2 When you experience the sense of hearing, you can
- a. feel
c. see
- b. sniff
d. listen
- Q. 3 The _____ is the center of our solar system.
- a. Moon
c. Earth
- b. Sun
- Q. 4 What kind of cloud usually means the weather is going to change in 24 hours?
- a. Cumulus
c. Cumulonimbus
- b. Cirrus
d. Status
- Q. 5 The two properties of matter are: volume and _____ .
- a. property
c. matter
- b. mass
d. electricity
- Q. 6 What is the "brain" of the cell?
- a. Cell wall
- b. Nucleus
- Q. 7 A testable question can be answered by
- a. reading a science book
c. searching the internet
- b. creating and performing an experiment
- Q. 8 When you predict, you can _____ .
- a. make an educated guess about something
c. record data
- b. do an experiment
- Q. 9 Gills is / are _____ to allow fish to live in an underwater environment.
- a. a lung
c. an adaptation
- b. a habitat
d. a behavior

Q. 10 Which is not a part of a flower?

- a. Stigma
- b. Root
- c. Petal
- d. Stamen

Q. 11 When a butterfly is in the pupa stage, the case around it is called:

- a. Cocoon
- b. Shell
- c. Chrysalis
- d. Bud

Q. 12 Which animal has the highest range of hearing?

- a. Dog
- b. Human
- c. Greater Wax Moth
- d. Bat

Q. 13 What are "naiads?"

- a. Cricket nymphs
- b. Grasshopper nymphs
- c. Praying mantid nymphs
- d. Dragonfly nymphs

Q. 14 What does "stridulation" means?

- a. metamorphosis
- b. digestion
- c. chirping
- d. hearing

Q. 15 Crickets are swarming grasshoppers.

- a. True
- b. False

Q. 16 Which ecosystem is found where there is little or no rainfall?

- a. desert
- b. forest
- c. grassland
- d. water

Q. 17 There are _____ planets in our solar system.

- a. seven
- b. eight
- c. nine
- d. one

Q. 18 When you analyze the data, you are done with the experiment.

- a. True
- b. False

Q. 19 The _____ is Earth's hottest layer.

- a. crust
- b. core
- c. mantle
- d. erosion

Q. 20 Which item is attracted by magnets?

- a. brick
- b. penny
- c. metal
- d. rubber

Q. 21 Inexhaustible resources are defined as

- a. resource that cannot be reused or replaced
- b. resource that will never run out
- c. resource that can be replaced to be used over and over again
- d. not raw materials supplied by Earth or nature

Q. 22 Which is an example of "what scientists should NOT do"?

- a. Share their results
- b. Keep their results a secret
- c. Write a report
- d. Use their senses to observe

Q. 23 What does the moon revolve around?

- a. The Sun
- b. The Earth
- c. Mars
- d. Venus

Q. 24 "Where do plants grow best?" is an example of which step in the scientific method process?

- a. Identifying the problem/question
- b. Performing an experiment
- c. Forming a hypothesis
- d. Communicating the results

Q. 25 Fluid volume is measured by this metric unit:

- a. quarts
- b. cups
- c. liters

Q. 26 Tyler has a plant of a plant that has spores. Which kind of plant does he most likely have?

- a. fern
- b. fir tree
- c. marigold
- d. rose bush

Q. 27 The moon has light of its own.

- a. True
- b. False

Q. 28 Which surface will produce the least amount of friction?

- a. fuzzy soccer field
- b. gravel running track
- c. smooth glass tabletop
- d. grassy soccer field

Q. 29 A reptile's body is covered with _____ .

- a. scales
- b. feathers
- c. fur/hair
- d. smooth moist skin

Q. 30 How do fish breathe?

- a. lungs
- b. gills
- c. mouth
- d. scales

Q. 31 When you observe what is happening in an experiment, you use only your eyes.

- a. True
- b. False

Q. 32 A rock is usually made up of one or more _____ .

- a. Minerals
- b. Sands
- c. Fossils
- d. Soils

Q. 33 Sedimentary rocks are the strongest type of rock.

- a. True
- b. False

Q. 34 When you watch a movie, what two senses do you use?

- a. sight and smell
- b. sight and hearing
- c. smell and touch
- d. taste and smell

Q. 35 A hypothesis is _____ .

- a. an educated guess that answers your question
- b. the answer you get when you do an experiment
- c. the conclusion of your experiment

Q. 36 A force is a _____ or a _____ that causes movement.

- a. push, taste
- b. push, pull
- c. pull, run
- d. pull, lift

Q. 54 The sand is made up from little bits of rock.

a. True

b. False

Q. 55 To experience the sense of smell, you can

a. feel

b. sniff

c. see

d. listen

Q. 56 Which is hot and wet all year, with more types of living things than anywhere else on Earth?

a. coastal

b. coniferous

c. deciduous

d. tropical rain

Q. 57 Light can be absorbed by:

a. sun

b. matter

c. rays

Q. 58 What does the giraffe's long neck help him to do?

a. stumble and fall

b. reach tall trees

c. reach over other animals to eat

Q. 59 The examples of inexhaustible resources include:

a. fish and trees

b. coal, natural gas, oil, fossil fuels, minerals

c. plants and animals

d. sun, wind, water, and waves

Q. 60 We can determine the state of matter of an object depending upon what it does in its container.

a. True

b. False

Q. 61 Plants have _____ on the bottom of their leaves to collect _____.

a. chlorophyll, oxygen

b. stomata, carbon dioxide

c. chlorophyll, glucose

d. stomata, sunlight

Q. 62 How many colors make up white light?

a. 7

b. 3

c. 1

d. 5

Q. 72 Seeds can be found in the fruits of plants.

a. True

b. False

Q. 73 The skin of an animal or soft parts of a plant will stay in the fossil for millions of years while the bones and hard parts eventually break down.

a. True

b. False

Q. 74 Slide is a(n) _____ .

a. wedge

b. inclined plane

Q. 75 Elise has a tree that makes cones. What kind of plant does she have?

a. apple tree

b. pine tree

c. rose bush

d. fern

Q. 76 A plant is male or female but never both.

a. True

b. False

Q. 77 A butterfly goes through which kind of change?

a. life cycle

b. incomplete metamorphosis

c. complete metamorphosis

d. chrysalis

Q. 78 Some invertebrates have a hard outer _____ or shell.

a. covering

b. spikes

c. lungs

d. eggs

Q. 79 What is an example of an invertebrate?

a. cat

b. bird

c. jellyfish

d. frog

Q. 80 Which is the main soil layer that holds water for plant growth?

a. solid rock

b. subsoil

c. mulch

d. none of the above

Q. 90 What is the pocket of air at the large end of the egg called?

- a. yolk
- b. shell membrane
- c. germ spot
- d. air cell

Q. 91 The resources that will never run out are :

- a. inexhaustible resources
- b. renewable resources
- c. nonrenewable resources
- d. unnatural resources

Q. 92 The resources that can be replaced to be used over and over again are _____ .

- a. inexhaustible resources
- b. renewable resources
- c. nonrenewable resources
- d. unnatural resources

Q. 93 Uranus and Neptune both have gas clouds made of crystals of methane gas.

- a. True
- b. False

Q. 94 To measure the temperature, difference of water in three bowls, you would use a

- a. metric measuring cup
- b. thermometer
- c. ruler
- d. balance

Q. 95 When liquids are heated, this occurs:

- a. temperature
- b. evaporation
- c. particle
- d. melting

Q. 96 A form of energy that you can hear. It moves in waves through air or water. An example would be when something vibrates. This energy is called _____ .

- a. light
- b. sound
- c. matter

Q. 97 What kind of energy is used by a skateboarder to roll down a hill?

- a. light
- b. sound
- c. electrical
- d. mechanical

Q. 98 All living things can make their own food.

- a. True
- b. False

Q. 99 Turning off lights when you leave a room doesn't help reduce resources.

- a. True b. False

Q. 100 Coniferous trees have seeds in _____.

- a. flowers b. cones
c. roots d. petals

Q. 101 To make their food, plants need energy from the

- a. air b. sun
c. soil d. water

Q. 102 Which state of matter that does not have a definite shape or volume and whose particles have broken apart; very high energy; conducts electricity, gases do not; ex: lightening, fire, and aurora borealis (Northern Lights) artificial plasma in fluorescent l

- a. plasma b. gas
c. pressure d. liquid

Q. 103 What do Great White Sharks eat?

- a. Sting Rays b. Seals
c. Large Fish d. All of the Above

Q. 104 What are the main functions of roots?

- a. absorb water and hold the plant in the ground b. attract insects and bees
c. make food d. support the leaf

Q. 105 All plant parts have a specific function that help the plant grow survive. The function of a leaf is to _____ .

- a. move water b. support the plant
c. make food d. move the plant

Q. 106 Light from the sun is converted into _____ by plants .

- a. chemical energy b. heat energy
c. motion energy d. waves

Q. 107 A forest that grows in cold temperatures, where the trees have needle-like leaves, such as Christmas trees.

- a. coastal
- b. coniferous
- c. deciduous
- d. tropical

Q. 108 Which is NOT an example of a vertebrate?

- a. salamaner
- b. polar bear
- c. snail
- d. horse

Q. 109 Which of the following is an observation?

- a. The leaves on the tree are green
- b. Baseball is fun
- c. Roses are pretty
- d. My dog is the best

Q. 110 _____ is when one living thing imitates another living thing in color or shape.

- a. mimicry
- b. running
- c. painting
- d. hiding

Q. 111 Buoyancy is defined as :

- a. sinking when put in a fluid.
- b. the ability to float in fluid.
- c. how much something shines.
- d. how much volume something has.

Q. 112 Energy that is moving matter like jumping in a pool is called _____ .

- a. mechanical energy
- b. stored energy
- c. energy of motion

Q. 113 A kind of fuel such as gas, coal, oil, matches, wood, and food. It is called _____ energy.

- a. energy of motion
- b. sound energy
- c. chemical energy

Q. 114 Reusable resources are renewable resources that can be used again and again.

- a. True
- b. False

Q. 115 Earth is the only planet to have volcanoes.

- a. True
- b. False

Q. 116 All plant parts have a specific function that help the plant grow survive. The function of a leaf is to

- a. make food
- b. absorb water
- c. support the plant
- d. all of the above

Q. 117 Coal, wood and oil are used to heat homes. This is when chemical energy changes to _____ energy.

- a. sound energy
- b. heat energy
- c. light energy

Q. 118 A test done to find out if a hypothesis is correct or not is an experiment.

- a. True
- b. False

Q. 119 A form of energy that you can hear. An example comes from particles that vibrate. Sound moves in waves through air or water.

- a. light
- b. sound
- c. heat

Q. 120 _____ is anything that has mass and takes up space.

- a. Atom
- b. Molecule
- c. Matter
- d. Mass

Q. 121 Which would be a defensive adaptation for a plant?

- a. Bad Smell
- b. Deep Roots
- c. Long Stems
- d. Bright Flowers

Q. 122 Newton's First Law of Motion states:

- a. an object in motion stays in motion unless a force acts on it
- b. an object's acceleration (change in speed) depends on the mass of the object and the amount of force applied on it
- c. an object at rest stays at rest unless a force acts on it
- d. A and C

Q. 123 Some renewable resources can be used again and again. What are these resources called?

- a. Renewable Resources
- b. Reusable Resources
- c. Natural Resources
- d. Nonrenewable Resources

Q. 124 Newton's Third Law of Motion states:

- a. an object in motion stays in motion unless a force acts on it
- b. an object's acceleration (change in speed) depends on the mass of the object and the amount of force applied on it
- c. an object at rest stays at rest unless a force acts on it
- d. every action has an equal and opposite reaction

Q. 125 It takes the earth 24 hours to rotate/spin all the way around.

- a. True
- b. False

Q. 126 Fossil fuels are not a natural resource.

- a. True
- b. False

Q. 127 A material that slows the transfer of heat is called an insulator.

- a. True
- b. False

Q. 128 To make food, a plant uses air, water, and the _____ .

- a. soil
- b. energy of sunlight
- c. oxygen
- d. sugar

Q. 129 A change in the way "matter" looks is called _____ ?

- a. chemical change
- b. physical change
- c. states of matter

Q. 130 Ice is an example of water in which state of matter?

- a. gas
- b. liquid
- c. cold
- d. solid

Q. 131 Fossils are ONLY found in rocks.

- a. True
- b. False

Q. 132 In what area crabs, mussels, egrets, herons, and alligators are found ?

- a. Marshes
- b. Coast
- c. Atlantic Ocean
- d. Swamp

Q. 133 In which direction is heat transferred?

- a. cold to hot
- b. hot to cold
- c. both directions
- d. it never changes

Q. 134 Which one is not a state of matter?

- a. solid
- b. gas
- c. liquid
- d. heavy

Q. 135 The energy in matter that can cause that matter to move or change is called _____. An example would be standing still by the diving board.

- a. energy of motion
- b. stored energy
- c. chemical energy

Q. 136 The energy of motion of the tiny particles. An example would be hot water. It is called _____.

- a. sound
- b. light
- c. heat

Q. 137 What star is closest to the Earth?

- a. Pluto
- b. Sun
- c. Rigel
- d. Betelgeuse

Q. 138 If a fire burns the grasses above ground, the _____ below the soil survive.

- a. tops
- b. sponges
- c. roots

Q. 139 When you freeze water what temperature is it in Celsius?

- a. 1
- b. 5
- c. 100
- d. 0

Q. 140 Which of the following measures Volume?

- a. frequency
- b. amplitude
- c. wave length
- d. pitch

Q. 149 What causes changes in the state of matter?

- a. Physical properties
- b. Chemical energy
- c. Temperature

Q. 150 It has a volume that stays the same, but it can change its shape.

- a. solid
- b. mass
- c. gas
- d. liquid

Q. 151 Which of these is NOT a characteristic of an arthropod?

- a. jointed legs
- b. a body divided into sections
- c. hard outside skeleton
- d. scales

Q. 152 Which planet has the longest orbit?

- a. Jupiter
- b. Saturn
- c. Pluto
- d. Neptune

Q. 153 The plants take in carbon dioxide from the air.

- a. True
- b. False

Q. 154 The Solar System consists of _____ planets.

- a. 7
- b. 8
- c. 9
- d. 6

Q. 155 Flowers are where most seeds begin.

- a. True
- b. False

Q. 156 Tadpoles are the first stage of a frog's life.

- a. True
- b. False

Q. 157 A state in which matter has a definite shape and volume is called _____ ?

- a. solid
- b. liquid
- c. gas

Q. 158 How do you know if an object has changed position?

- a. It is not visible anymore.
- b. It looks bigger.
- c. It is farther or closer from a reference point.
- d. It is on top of a reference point.

Q. 159 What affects the distance an object travels?

- a. the amount of force used
- b. how long it takes to travel
- c. what time it is

Q. 160 Where does oxygen leave the plant?

- a. stem
- b. leaves
- c. roots
- d. nutrients

Q. 161 More sharks are killed each year than are born.

- a. True
- b. False

Q. 162 Thermal energy makes things colder.

- a. True
- b. False

Q. 163 The distance that an object travels over a certain amount of time is _____ .

- a. motion
- b. machine
- c. velocity

Q. 164 Air is a gas that cannot be seen and has no mass.

- a. True
- b. False

Q. 165 _____ are the features of the Earth's surface.

- a. Landslides
- b. Landforms
- c. Metamorphic
- d. Floods

Q. 166 The bats are nocturnal animals that come out at night to feed.

- a. True
- b. False

Q. 167 What is an animal's baby called?

- a. adult
- b. offspring
- c. inherit
- d. duckling

Q. 168 What is the last step in the scientific method?

- a. Conclusion
- b. Problem
- c. Hypothesis
- d. Materials

Q. 169 What kind of soil do you think is in the desert?

- a. dark, damp soil
- b. dry, sandy soil
- c. sticky, red soil
- d. think, muddy soil

Q. 170 Which type of forest grows where there is a lot of rain, and it never gets too warm or too cold?

- a. coastal
- b. coniferous
- c. deciduous
- d. tropical rain

Q. 171 A _____ is a small cell that grows into a new plant.

- a. flower
- b. pine cone
- c. spore
- d. stem

Q. 172 Some of the characteristics that different dinosaurs had were

- a. Horns on their head, scales on their back, and spikes
- b. Fur on their backs, sharp teeth, and big heads.
- c. Slimy skin, horns on their back, and skinny tails.
- d. Big feet, sharp teeth, and small hands.

Q. 173 A plant's leaves can help protect the plant from _____ .

- a. too much sunlight
- b. being eaten by animals
- c. blowing away
- d. growing too big

Q. 174 Newton's Second Law of Motion states:

- a. an object in motion stays in motion unless a force acts on it
- b. an object's acceleration (change in speed) depends on the mass of the object and the amount of force
- c. an object at rest stays at rest unless a force acts on it
- d. every action has an equal and opposite reaction

Q. 175 Jupiter, Saturn, Neptune, and Uranus together are known as _____ .

- a. the Outer Planets
- b. the Jovian planets
- c. the Gas Giants
- d. all of the above

Q. 176 The molecules in gas are _____ .

- a. close together
- b. far apart
- c. tight and pull on each other a lot

Q. 177 Which is an example of plant with fibrous roots?

- a. carrot
- b. grass
- c. conifer trees
- d. both b & c

Q. 178 A thermometer is used to measure _____ .

- a. friction
- b. radiation
- c. convection
- d. temperature

Q. 179 How many months does a woman stay pregnant?

- a. 6
- b. 8
- c. 9
- d. 12

Q. 180 Which is an example of a taproot?

- a. grass
- b. conifer trees
- c. carrot
- d. rose bush

Q. 181 Carpooling, riding your bike, or walking instead of riding in a car uses fewer resources.

- a. True
- b. False

Q. 182 This type of rocks is formed in layers _____ .

- a. Sedimentary Rocks
- b. Igneous Rocks
- c. Metamorphic Rocks

Q. 183 Fill in the blank. Babies will _____ or get traits from their parents.

- a. offspring
- b. survive
- c. reproduce
- d. inherit

Q. 193 A piece of land that is surrounded by water is a/an _____ .

- a. peninsula
- b. bay
- c. island
- d. plain

Q. 194 Another name for oil is _____ .

- a. petroleum
- b. pollution
- c. energy
- d. medicine

Q. 195 Which one is an example of a Screw ?

- a. Jar lid
- b. Scissors
- c. Drapery rod

Q. 196 Which comparison is true about autumn day length?

- a. autumn has longer days than summer
- b. autumn has longer days than winter
- c. autumn has the same day length as summer
- d. autumn has the same day length as winter

Q. 197 In which state matter has no definite shape and no definite volume ?

- a. liquid
- b. solid
- c. gas

Q. 198 In which state, in matter has a definite volume but no definite shape?

- a. gas
- b. solid
- c. liquid

Q. 199 Different kinds of matter can take up the same amount of space but have different masses.

- a. True
- b. False

Q. 200 Which tool is used to magnify, or enlarge an object's features?

- a. Hand Lens
- b. Dropper
- c. Balance
- d. Spring Scale

Q. 201 Why do big rocks tend to be below small rocks in soil?

- a. They fell from the sky and sunk the deepest
- b. They haven't pushed up yet to the topsoil
- c. They are heavier and don't get moved as easy from
- d. Gravity pulls harder on big rocks compared to small rocks

Q. 202 Does size, smell, feel, and _____ of an object are also properties?

- a. electricity
- b. matter
- c. sinking
- d. shape

Q. 203 To measure weight, you would use _____ tool.

- a. ruler
- b. scale
- c. thermometer
- d. quarts

Q. 204 Fossil fuels can be used to heat homes, run cars, and make electricity and plastic toys.

- a. True
- b. False

Q. 205 _____ can either be a push or a pull.

- a. friction
- b. force
- c. work
- d. matter

Q. 206 Which plants (trees) grow in a swamp?

- a. Cattails, Cordgrass
- b. Dogwood, Pines, and Oaks
- c. Tupelo, Cypress and wooded plants
- d. Sponges, Corals

Q. 207 What landform has a peak?

- a. Hill
- b. Plateau
- c. Mountain
- d. Valley

Q. 208 A renewable resource will not run out if used wisely.

- a. True
- b. False

Q. 209 You can tell how much mass an object has just by looking at it.

- a. True
- b. False

Q. 210 Which are very fine particles of rocks?

- a. loam
- b. sand
- c. Clay
- d. subsoil

Q. 211 When you boil water what temperature is it in Celsius?

- a. 50
- b. 0
- c. 100
- d. 1000

Q. 212 What is the process that moves pieces of rock and soil?

- a. erosion
- b. delta
- c. mudslide
- d. weathering

Q. 213 A ball is lying on the floor. When will the ball move?

- a. It will never move.
- b. When a force acts on it.
- c. When gravity pulls it.
- d. When the lights are turned on.

Q. 214 _____ is the motion of an object in a complete circle.

- a. rotational motion
- b. periodic motion
- c. linear motion

Q. 215 How long does it take for the moon to revolve around the Earth?

- a. 1 day
- b. 1 month
- c. 1 year

Q. 216 The nervous system is made up of the brain, the nerves, and the _____.

- a. Spinal Cord
- b. Liver
- c. Small Intestine
- d. Heart

Q. 217 Skeletons can help paleontologists find out what a dinosaur ate when it was alive.

- a. True
- b. False

Q. 218 Marshes consist of _____ and saltwater wetlands with tall grasses.

- a. sandy-bottom
- b. sand dunes
- c. freshwater
- d. beaches

Q. 219 It is possible for a bird's egg to be the same color as its surroundings.

- a. True
- b. False

Q. 220 Mercury is hard to see without a telescope.

a. True

b. False

Q. 221 Which of these is NOT a good way to learn about rock?

a. Putting a rock in acid to find out what is in the rock.

b. Dropping a rock from a high place to learn how hard

c. Looking at a rock with a hand lens to learn what is in the rock.

d. Scratching a rock with a paperclip to learn how hard it is.

Q. 222 A compass needle is really a _____ .

a. wire

b. toy

c. sewing needle

d. magnet

Q. 223 Which one would you use a thermometer to measure?

a. the length of a piece of rope

b. the mass of a rock

c. how much time it takes for water to boil

d. the temperature of water in a pond

Q. 224 It would probably be easiest to ride a bicycle across _____ .

a. gravel

b. sand

c. the grass

d. a sidewalk

Q. 225 What is constellation?

a. a group of suns

b. a group of moons

c. a group of stars that make a pattern

Q. 226 The slower the vibration, the _____ the pitch.

a. Higher

b. Lower

Q. 227 Bats are mammals.

a. True

b. False

Q. 228 _____ is the water which has accumulated on TOP of the ground?

- a. rain
- b. ground water
- c. surface water
- d. precipitation

Q. 229 Plants release water into the air.

- a. True
- b. False

Q. 230 What is the first step in the scientific method process?

- a. Create an experiment
- b. Form a hypothesis
- c. Find a location
- d. Identify the problem/question

Q. 231 The energy from the sun is a _____ resource.

- a. Renewable
- b. Reusable
- c. Nonrenewable
- d. Natural

Q. 232 Force that works against the movement of two objects is called:

- a. friction
- b. solar
- c. mixing
- d. burning

Q. 233 Shauna placed a cup of water in a warm place. One week later, no water was left in the cup. What probably happened?

- a. The liquid water changed to a gas.
- b. The liquid water changed to a solid.
- c. The water leaked out of the cup.
- d. The water spilled from the cup.

Q. 234 Which of these is an example of weathering?

- a. Mountains are built
- b. Water freezes
- c. Plant roots widen a crack in a rock.
- d. A volcano erupts.

Q. 235 The process of breaking down rocks into smaller particles is called _____ .

- a. erosion
- b. weathering
- c. sedimentation

Q. 236 Which shape is good for penguins diving and racing through the water to catch food?

- a. Clear third eyelid that covers the eye
- b. hooked beak, spiny tongue, and powerful jaws
- c. large lungs for holding its breath
- d. torpedo shaped body

Q. 237 _____ can be either a push or a pull.

- a. force
- b. operation
- c. motion
- d. plot

Q. 238 Where can you find Bladderwort and pitcher plants?

- a. Marshes
- b. Mountains
- c. Swamps
- d. Oceans

Q. 239 These are all gas planets except _____ .

- a. Uranus
- b. Neptune
- c. Jupiter
- d. Earth

Q. 240 Which would cause liquid water to change to a solid?

- a. warming
- b. heating
- c. freezing
- d. dripping

Q. 241 The sun revolves around the planets.

- a. True
- b. False

Q. 242 Classify means _____ .

- a. making a hypothesis
- b. To place materials that share properties together in
- c. searching the internet

Q. 243 The measure of how much space something takes up is called:

- a. Mass
- b. Weight
- c. Density
- d. Volume

Q. 244 _____ is a change of position.

- a. motion
- b. force
- c. factors
- d. gravity

Q. 245 What type of plants grow in the ocean?

- a. permafrost
- b. tundra
- c. algae
- d. gills

Q. 246 What type of rock is created from lava?

- a. metamorphic
- b. igneous
- c. sedimentary

Q. 247 Mammals live on

- a. mountains
- b. oceans
- c. land
- d. all the above

Q. 248 _____ plants are those that lose all their leaves at the same time every year.

- a. flowering
- b. coniferous
- c. deciduous
- d. carnivorous

Q. 249 What causes a magnet to attract and repel?

- a. magnetic force
- b. contact force
- c. gravity

Q. 250 What does the word volume mean?

- a. the amount of matter in an object
- b. the pull of gravity on an object
- c. how hot or cold an object is
- d. how much space an object takes up

Q. 251 Renewable resources are resources that _____ .

- a. can be used again and again
- b. cannot be replaced
- c. can be replaced quickly
- d. will not exist again

Q. 252 The force that pulls two objects toward each other is called _____ .

- a. force
- b. gravity
- c. setting

Q. 253 Soil that is a mixture of clay, sand, and humus is called:

- a. Loam
- b. Moss
- c. Dirt

Q. 254 What planet is closest to the sun?

- a. Venus
- b. Mercury
- c. Saturn

Q. 255 Which of the following causes slow changes to Earth's surface?

- a. tsunami
- b. earthquake
- c. hurricane
- d. glacier

Q. 256 Some students found a big rock blocking the pathway. What type of force can they use to move it?

- a. gravity
- b. magnetic
- c. push/pull

Q. 257 Gas is burned in a car engine. It is when a chemical energy changes into _____ energy.

- a. mechanical energy
- b. heat energy
- c. electrical energy

Q. 258 Animals that have fur or hair. They are called _____ .

- a. mammals
- b. amphibians
- c. birds
- d. reptiles

Q. 259 What definition is correct for solid?

- a. the state in which matter takes the shape of its container and has a definite volume; less attraction between the particles; particles move fast enough to overcome some of the attraction between them...they slide past each other
- b. amorphous
- c. the state in which matter has a definite shape and volume; particles are very close; attraction between
- d. the change of state from a solid to a gas

Q. 260 Which connective tissue joins bones to muscles?

- a. marrow
- b. ligaments
- c. joints
- d. sockets

Q. 261 Anything that has mass and takes up space is _____ .

- a. matter
- b. density
- c. magnetic
- d. conductive

Q. 262 Some flower petals are very colorful to help attract bees and other insects.

- a. True
- b. False

Q. 263 An evergreen loses its leaves at the same time each year.

- a. True b. False

Q. 264 The circulatory system deals with the brain

- a. True b. False

Q. 265 If the earth were closer to the sun, _____ .

- a. the temperature would be much hotter. b. the oceans would dry up.
c. we could not survive. d. all of the above.

Q. 266 Metamorphic rocks are formed _____ .

- a. when heat and pressure inside the earth change b. when the earth comes to the surface, cools, and hardens
c. when particles of matter are laid down in many layers and pressed together

Q. 267 When blood passes through _____ , it exchanges oxygen and carbon dioxide

- a. arteries b. veins
c. the heart d. capillaries

Q. 268 Animals that live their whole lives in water. They are called _____ .

- a. birds b. amphibians
c. mammals d. fish

Q. 269 Which of the following would be a summer month in the southern hemisphere?

- a. January b. April
c. July d. October

Q. 270 Why do farmers leave some fields alone when they plant crops?

- a. To let the soil gain nutrients that it has lost b. To give the animals a place to roam
c. To use other areas of a farm that feel neglected d. To be closer to the sun and rain

Q. 280 Pluto is currently a planet.

- a. True b. False

Q. 281 What type of tree loses all of its leaves in the fall?

- a. Evergreen b. Nocturnal
c. Coniferous d. Deciduous

Q. 282 Zebras love the _____ of grasses.

- a. tops b. bottoms
c. middle

Q. 283 _____ energy is energy that you can hear.

- a. sound b. light
c. mechanical d. electrical

Q. 284 Evaporation occurs when _____ .

- a. a liquid becomes a gas b. a liquid becomes a solid
c. gas becomes a liquid d. a solid becomes a liquid

Q. 285 Which animal newborn looks most like an adult of same species?

- a. Butterfly b. Frog
c. Deer d. Moth

Q. 286 Which planet is the closest to the sun?

- a. Mercury b. Saturn
c. Venus d. Neptune

Q. 287 Which of the following is the first phase of a plant's life cycle?

- a. Roots grow down into the soil b. A seed germinates in the soil
c. A stem pushes up through the soil d. Leaves drop onto the ground

Q. 288 A material that will float is:

- a. Penny b. Rubber Ball
c. Sponge d. Can of food

Q. 289 Great white sharks can live in salt and fresh water.

- a. True b. False

Q. 290 Which fossils are mostly found in which kind of rock?

- a. diamond b. sedimentary
c. igneous d. metamorphic

Q. 291 Animals that have feathers, two legs, and wings , are called _____ .

- a. mammals b. amphibians
c. birds d. reptiles

Q. 292 Animals that have dry skin covered by scales , are called _____ .

- a. amphibians b. reptiles
c. birds d. mammals

Q. 293 Energy of moving objects such as parts of machines like a car. It is called _____ energy.

- a. mechanical energy b. electrical energy
c. chemical energy

Q. 294 When you analyze the data, you are done with the experiment.

- a. True b. False

Q. 295 An object that feels light, such as a beach ball, has a _____ mass.

- a. small b. large

Q. 296 Chickens and frogs lay eggs while turtles do not.

- a. True b. False

Q. 297 A creature that lives both on land and in water

- a. Reptile b. Herbivore
c. Carnivore d. Amphibian

Q. 298 _____ are the part of the plant that is used in reproducing (or making new plants).

- a. Stems
- b. Leaves
- c. Roots
- d. Flowers

Q. 299 Earth is covered by _____ of water.

- a. 1/2
- b. 2/3
- c. 3/4
- d. 1/5

Q. 300 The faster the vibration, the _____ the pitch.

- a. Higher
- b. Lower

Q. 301 Where do we get solar energy from?

- a. The Sun
- b. The Moon
- c. The Ocean
- d. Saturn

Q. 302 When two substances are combined, this may occur:

- a. reaction
- b. repel
- c. retract
- d. ray

Q. 303 Leaves may also help plants by _____ .

- a. holding the plant up
- b. keeping the plant from blowing away
- c. holding the plant in the soil
- d. balancing the water in the plant

Q. 304 What is a carnivore?

- a. Meat eater
- b. Plant eater
- c. Both

Q. 305 Properties can be _____.

- a. measured
- b. observed
- c. compared
- d. all of the above

Q. 306 Which is NOT an accomplishment of Gertrude Elion?

- a. She helped treat people who had leukemia and malaria.
- b. She developed a way to kill off certain germs in milk.
- c. She figured out how to make medicine to attack diseased cells.
- d. She won a Nobel Prize for her work in medicine.

Q. 307 What star keeps all of the planets in our solar system in orbit?

- a. The Earth
- b. The Moon
- c. The Sun
- d. The North Star

Q. 308 Where did the first living things appear?

- a. Land
- b. Ocean
- c. North America
- d. In a volcano

Q. 309 When you rub your hands together very quickly, it produces heat and is called _____.

- a. force
- b. temperature
- c. friction
- d. gravity

Q. 310 Energy always stays in the same form.

- a. True
- b. False

Q. 311 Barrier Islands are

- a. where the freshwater and saltwater meet
- b. sandy stripes of land protecting the mainland from
- c. freshwater or saltwater wetlands with trees
- d. freshwater and saltwater wetlands with tall grasses

Q. 312 The protozoa live only in lakes & forests.

- a. True
- b. False

Q. 313 Which of the following does NOT describe a moon?

- a. They are also known as satellites.
- b. They differ in shapes and sizes.
- c. They orbit around planets.
- d. They are made up of gas.

Q. 314 As adults, frogs breathe with _____ .

- a. gills
- b. lungs
- c. cartilage
- d. mollusks

Q. 315 A thing must look like a boat so that it can float.

- a. True
- b. False

Q. 316 Plants use energy from the sun to make food. This is when light changes to _____ energy.

- a. mechanical
- b. chemical
- c. electrical

Q. 317 The animal with a backbone and fur is called _____ .

- a. embryo
- b. tadpole
- c. mammal
- d. gills

Q. 318 Pollution in lakes, rivers, and oceans can be caused by the runoff from all the trash and garbage in a dump or landfill.

- a. True
- b. False

Q. 319 It is important to answer the question when you report your results

- a. True
- b. False

Q. 320 The movement of water back and forth between air and the Earth's surface is called the _____ .

- a. condensation
- b. water cycle
- c. evaporation

Q. 321 How long ago do scientists believe the planets and sun formed?

- a. a century
- b. a decade
- c. one million years
- d. none of the above

Q. 322 To keep alive or in existence is defined as :

- a. Archaeology
- b. Fossilization
- c. Preserve

Q. 323 In which category of animals, a frog is in?

- a. Mammals
b. Amphibians
c. Birds
d. Reptiles

Q. 324 _____ are materials that have definite shape and definite volume.

- a. Solids
b. Liquids
c. Gases
d. Ice

Q. 325 What should you wear before an experiment ?

- a. Gloves, goggles, lab coat
b. Apron, oven mitt, glasses
c. Coat, glasses, hat
d. Uniform, shoes, science book

Q. 326 Bladderwort and pitcher plants eat small animals

- a. True
b. False

Q. 327 Ridges of rock on the oceans floor are called reefs.

- a. True
b. False

Q. 328 Which kind of energy flows through wires?

- a. light
b. sound
c. electrical
d. mechanical

Q. 329 What organisms grow attached to a reef?

- a. Moss and mushrooms
b. Mold and mildew
c. Sponges and corals
d. Crystals and minerals

Q. 330 Which of the following is an example of a chemical change?

- a. burning wood
b. bending a paper clip
c. sawing wood
d. tearing paper

Q. 331 What is an object that is solid, formed in nature, and has never been alive?

- a. hardness
b. mineral
c. erosion
d. tree

Q. 332 A _____ is a combination of atoms

- a. Atom
- b. Molecule
- c. Gas
- d. Matter

Q. 333 Planets rotate around the Sun due to gravity.

- a. True
- b. False

Q. 334 How long does it take for a chicken egg to hatch?

- a. 31 days
- b. 21 months
- c. 41 days
- d. 21 days

Q. 335 What does the chick use to pip or break open the shell?

- a. egg tooth
- b. beak
- c. foot
- d. claws

Q. 336 Which is the first step in the Scientific Method?

- a. Draw a conclusion
- b. Plan an experiment
- c. Form a hypothesis
- d. Observe and ask a question

Q. 337 An alligator's snout is _____ .

- a. Pointed
- b. Rounded
- c. Square

Q. 338 Which of the following is a source of thermal energy?

- a. a thermostat
- b. the sun
- c. a thermometer
- d. a cooler

Q. 339 Resources that cannot be replaced in a human lifetime are called _____ .

- a. Renewable Resources
- b. Nonrenewable Resources
- c. Natural Resources
- d. Reusable Resources

Q. 340 A scale is used to measure _____ .

- a. weight
- b. length
- c. height
- d. temperature

Q. 341 When you lift a box, leg muscles that you use are _____ .

- a. smooth muscles
- b. striated muscles
- c. cardiac muscles
- d. heart muscles

Q. 342 How plants change sunlight into food. The process is called _____ .

- a. Solar Energy
- b. Photosynthesis
- c. Heat
- d. Temperature

Q. 343 What are the largest surface freshwater system (lake) in the U.S.?

- a. The Great Lakes
- b. Crater Lake
- c. Pyramid Lake
- d. Flathead Lake

Q. 344 Lizards and snakes are types of _____ .

- a. reptiles
- b. birds
- c. mammals
- d. fish

Q. 345 What kind of behaviors that animals know without being taught?

- a. instinct
- b. camouflage
- c. migrate
- d. hibernate

Q. 346 When a planet moves around the sun, this is called a _____ .

- a. rotation
- b. revolution
- c. spin
- d. do si do

Q. 347 Penguins use _____ for balance on land.

- a. tail
- b. webbed feet
- c. large lungs for holding its breath
- d. torpedo shaped body

Q. 348 The Sun is located in the center of the Solar System.

- a. True
- b. False

Q. 349 Scientists have found ways to use the energy from _____ .

- a. wind
- b. the sun
- c. corn and other plants
- d. all of the above

- Q. 359 What is the largest mountain range located in the western part of North America in the United States and stretches to Canada?
- a. Cedar Fall Mountains
b. Grand Canyon Mountains
c. Mt. Everest
d. The Rocky Mountains
- Q. 360 What does the word volume means?
- a. the amount of matter in an object
b. the pull of gravity on an object
c. how hot or cold an object is
d. how much space an object takes up
- Q. 361 A characteristic of matter is called a(n) _____ .
- a. size
b. object
c. property
- Q. 362 If fertilized, the flower will turn into a fruit and the fruit will produce _____ .
- a. smells
b. seeds
c. snails
d. sneezes
- Q. 363 What happens when a force changes an object's motion?
- a. the object changes state
b. work is done
c. gravity is interrupted
- Q. 364 Water that is an invisible gas found in the air is called
- a. ocean water
b. water vapor
c. groundwater
- Q. 365 In water, which thing makes it hard for enemies to see penguins from above and below? while on land-their back absorbs more of the sun's heat energy
- a. large lungs for holding its breath
b. clear third eyelid that covers the eye
c. black shading on its back, white shading on its front
d. torpedo shaped body
- Q. 366 There are over 750 different species of sharks.
- a. True
b. False

Q. 367 What is the motion of an object in a complete circle?

- a. rotational motion
- b. periodic motion
- c. linear motion
- d. velocity

Q. 368 Oxygen is part of the composition of air.

- a. True
- b. False

Q. 369 Camels are mammals because they _____ .

- a. eat meat
- b. drink water
- c. breathe air
- d. have humps

Q. 370 _____ are materials that have indefinite shape and indefinite volume.

- a. Solids
- b. Liquids
- c. Gases
- d. Ice

Q. 371 What is the first step in the scientific method process?

- a. Form a hypothesis
- b. Communicate results
- c. Choose a location
- d. Identify the problem

Q. 372 A _____ is a scientist who studies motion.

- a. chemist
- b. physicist
- c. geologist

Q. 373 A crocodile's snout is _____ .

- a. Pointed
- b. Rounded
- c. Square

Q. 374 When a liquid changing to a solid, A solid changing to a liquid, and a liquid changing into a gas are all examples of _____ .

- a. Physical change
- b. Property
- c. Evaporation
- d. Boiling

Q. 375 What type of body features that an animal gets from a parent?

- a. feelings
- b. thoughts
- c. trait
- d. behaviors

Q. 376 Which is our most important source of heat energy?

- a. fire b. sun
c. electricity d. gas

Q. 377 What moves apart or together to form volcanoes or earthquakes?

- a. tectonic plates b. cups
c. gravity

Q. 378 Metal is used inside a lamp cord because _____ can move through it easily.

- a. electricity b. pudding
c. water

Q. 379 Camouflaged is a group of organisms living and interacting together.

- a. True b. False

Q. 380 Adaptation is a body part or behavior that helps an animal meet its needs.

- a. True b. False

Q. 381 What should be used to keep water off and heat in?

- a. clear third eyelid that covers the eye b. torpedo shaped body
c. large lungs for holding its breath d. webbed feet

Q. 382 What does volume means?

- a. the amount of matter in an object b. the pull of gravity on an object
c. how hot or cold an object is d. how much space an object takes up

Q. 383 To test your hypothesis, you must first interpret your data.

- a. True b. False

Q. 384 Harmful material that is added to the environment is pollution.

- a. True b. False

- Q. 412 What penguins need for catching and holding onto food while swimming through water?
- a. large lungs for holding its breath
 - b. tail
 - c. hooked beak, spiny tongue, and powerful jaws
 - d. black shading on its back, white shading on its front
- Q. 413 What a penguin uses to propel itself through water instead of air, like most birds?
- a. wings shaped like stiff, flat flippers
 - b. tail
 - c. webbed feet
 - d. large lungs for holding its breath
- Q. 414 What is the top layer of soil called?
- a. topsoil
 - b. subsoil
 - c. bedrock
 - d. humus
- Q. 415 What should you do if a glass breaks?
- a. Clean it up before the teacher comes
 - b. Run away
 - c. Tell the teacher right away
 - d. Leave it there and finish working
- Q. 416 It is important to answer the question when you report your results.
- a. True
 - b. False
- Q. 417 Plants and animals are _____ resources.
- a. Natural Resources
 - b. Nonrenewable Resources
 - c. Reusable Resources
 - d. Renewable Resources
- Q. 418 Someone who asks questions about the natural world is a(n)
- a. engineer
 - b. model
 - c. scientist
 - d. teacher
- Q. 419 When you place a south pole side of a magnet close to the south pole side of another magnet, they will attract each other.
- a. True
 - b. False
- Q. 420 Which thing allows penguins to see underwater when hunting for food?
- a. large lungs for holding its breath
 - b. webbed feet
 - c. torpedo shaped body
 - d. clear third eyelid that covers the eye

- Q. 421 What a penguin uses for walking on land and steering in water?
- a. hooked beak, spiny tongue, and powerful jaws b. webbed feet
c. thick feathers with a layer of fat underneath d. tail
- Q. 422 What helps to keep the penguin warm in very cold temperatures?
- a. thick feathers with a layer of fat underneath b. webbed feet
c. tail d. large lungs for holding its breath
- Q. 423 What characteristics describe a mammal?
- a. are endothermic (warm-blooded), have hair, love, and have thumbs b. give live births, and produce milk, walk, and make noise
c. have hair, breathe air with lungs, move, and eat d. are endothermic (warm-blooded), have hair,
- Q. 424 All matter contains elements joined in _____ ways and amounts.
- a. like b. different
- Q. 425 Which of the following is true about thermal energy?
- a. The particles of matter do not move b. It flows from cooler objects to hotter objects
c. The movement of thermal energy is called air d. It flows from hotter objects to cooler objects
- Q. 426 Nicolas Copernicus was the first astronomer to use telescopes to study the planets and stars.
- a. True b. False
- Q. 427 A giraffe's long neck is a(n)
- a. adaption b. camouflage
c. mimicry d. food web
- Q. 428 Matter that is made of only one kind of atom is called _____ .
- a. an element b. a compound
c. a mixture d. a block

Q. 437 How are all solids alike?

- a. All solids have no shape, but take up a lot of space.
- b. All solids keep their shape no matter what.
- c. All solids keep their shape and volume unless
- d. All solids have a definite volume unless you add water.

Q. 438 What organelles allow photosynthesis to happen in plants?

- a. Cell wall
- b. Microtubules
- c. Ribosomes
- d. Chloroplasts

Q. 439 Which property of liquid allows it to be pushed through the pump of a soap dispenser?

- a. It can change its volume.
- b. It can change its shape.
- c. It has no shape.
- d. It has no volume.

Q. 440 Magnets contain a force that _____ certain metals like iron.

- a. repels
- b. attracts
- c. increases

Q. 441 How are gases different from solids and liquids?

- a. Gases have a definite volume, but solids and liquids don't.
- b. Gases and liquids have no definite volume, but solids do.
- c. Gases and liquids have a definite volume, but solids don't.
- d. Gases have no definite volume, but solids and

Q. 442 Body part that takes in oxygen from the water.

- a. gills
- b. scales
- c. tails
- d. beaks

Q. 443 _____ are materials that have indefinite shape and definite volume.

- a. Solids
- b. Gases
- c. Liquids
- d. Ice

Q. 444 Pluto is a planet currently.

- a. True
- b. False

Q. 445 Magnets can pick up metals like:

- a. dimes
- b. pennies
- c. iron
- d. nickels

Q. 446 Amphibians are cold-blooded, live part of their lives on water, and part on land.

- a. True
- b. False

Q. 447 Water freezes at _____ degrees Fahrenheit.

- a. 25
- b. 0
- c. 32
- d. 27

Q. 448 Energy is the ability to do work or cause change.

- a. True
- b. False

Q. 449 Which is NOT a property of a mineral?

- a. temperature
- b. hardness
- c. color
- d. streak

Q. 450 It does not have definite shape or volume.

- a. mass
- b. solid
- c. Gas
- d. liquid

Q. 451 Animal Pollination will occur if the plant has a _____ .

- a. strong scent, sweet nectar and dull flowers
- b. sweet nectar, strong scent and bright flowers
- c. bitter nectar, bright flowers and no scent
- d. sweet nectar, bright colours and no scent

Q. 452 The temperature at which a liquid changes into a solid is called _____.

- a. condensation point
- b. Freezing point
- c. Solid
- d. none of the above

Q. 453 Which tool would you use to measure the width of your classroom?

- a. graduated cylinder
- b. meter stick
- c. spring scale
- d. balance

Q. 454 A potholder, a wooden spoon, and a plastic spoon are good insulators.

a. True

b. False

Q. 455 Your work space should ALWAYS be neat and clean.

a. True

b. False

Q. 456 Which planet is the nearest to the sun?

a. Jupiter

b. Earth

c. Pluto

d. Mercury

Q. 457 An insulator is an object that heat can move through easily (like metal).

a. True

b. False

Q. 458 There is only one version of the scientific method process.

a. True

b. False

Q. 459 When an object is moved from one position to another, it is called _____ .

a. gravity

b. push/pull

c. work

Q. 460 We all have energy, even when we are sleeping.

a. True

b. False

Q. 461 When Earth's materials are put under great pressure. What type of rock is created?

a. sedimentary

b. igneous

c. metamorphic

Q. 462 How can a liquid become a solid?

a. By something removing heat from it and slowing

c. By something adding heat to it and slowing down the particles.

b. By something removing heat from it and speeding up the particles.

d. By something adding heat to it and speeding up the particles.

Q. 463 Which is the best insulator?

a. wood

c. copper

b. iron

d. silver

Q. 464 Which tool would you use to make observations of small objects?

a. measuring tape

c. hand lens/magnifying glass

b. ruler

d. thermometer

Q. 465 In the lab we NEVER _____.

a. Talk

c. Walk

b. Eat or drink

d. Pay attention

Q. 466 An object will sink or float because of its _____ and mass.

a. floating

c. volume

b. taste

d. matter

Q. 467 The substances that plants need to grow and survive are called _____.

a. nutrients

c. gas

b. sunlight

Q. 468 Which type of soil is made up of very, very tiny grains of rock?

a. clay

c. sand

b. humus

d. loam

Q. 469 What is the hardest mineral on the Mohs scale?

a. talc

c. apatite

b. copper

d. diamond

Q. 470 What two things must be known to measure speed?

- a. how far an object traveled and how long it took to b. how much an object weighs and how far it traveled
- c. how dense an object is and how far it traveled

Q. 471 If your data is inaccurate or the experiment is flawed the next step would be to communicate the results.

- a. True b. False

Q. 472 Sleep is important because: _____ .

- a. it lets your body build energy for the next day b. it helps your body grow
- c. it lets the brain rest d. all of the above

Q. 473 What are humans?

- a. Amphibians b. Mammals
- c. Marsupials d. Reptiles

Q. 474 What kind of soil holds the most water?

- a. sandy soil b. clay
- c. rocks d. plants

Q. 475 What type of rock is formed when a volcano erupts?

- a. sedimentary b. igneous
- c. metamorphic d. sandstone

Q. 476 The case moth caterpillars build cases made of silk and _____ to live in.

- a. dirt b. sticks
- c. stones d. leaves

Q. 477 Sometimes a number of caterpillars will live together in a silk web, they weave together.

- a. True b. False

Q. 478 A "low floater" is an object that:

- a. floats above the water level b. floats in the air
- c. floats at the water level d. does not float

Q. 479 A "high floater" is an object that:

- a. floats at the water level
- b. floats above the water level
- c. floats below the water level
- d. does not float

Q. 480 Which tool would you use if you wanted to measure the mass of an apple?

- a. meter stick
- b. balance
- c. graduated cylinder
- d. microscope

Q. 481 What is the red hot stuff that flows on the outside of the mountain with a volcano?

- a. lava
- b. plasma
- c. magma

Q. 482 Lora left an ice cube in a cup on the picnic table on a sunny day. What do you expect to happen over the next hour?

- a. The ice cube will become bigger
- b. The ice cube will melt
- c. The ice cube will evaporate
- d. None of the above

Q. 483 Which of these things does not happen when you sleep?

- a. your muscles relax
- b. your brain sorts information
- c. your heartbeat slows
- d. your lungs stop working

Q. 484 To make a careful guess is to estimate.

- a. True
- b. False

Q. 485 Which of the following tools would you use to measure the height of a book?

- a. measuring cups
- b. balance
- c. ruler
- d. scale

Q. 486 How many million miles is the sun away from us?

- a. 93
- b. 150
- c. 200
- d. 100

Q. 487 Skin color and camouflage are an example of adaptations.

- a. True
- b. False

Q. 488 Magnets come in all shapes and sizes.

a. True

b. False

Q. 489 Case moth caterpillars carry their cases with them wherever they go.

a. True

b. False

Q. 490 A magnet is strongest at its poles.

a. True

b. False

Q. 491 The scientist found a fossil of a triceratops. The word fossil means:

a. To soak in water

b. A part of a planet

c. The crust of the Earth

d. The hardened remains or traces of animals and

Q. 492 What do plants need to be able to grow?

a. Sunlight, Water, Carbon Dioxide

b. Darkness

Q. 493 Matter made up of more than one atom is _____ .

a. a compound

b. an element

c. a mixture

d. a block

Q. 494 Which kind of soil has the most humus?

a. red clay soil

b. sandy pond soil

c. dark forest soil

d. bedrock

Q. 495 When people throw trash on the _____, land pollution can happen.

a. Water

b. Ground

c. Dumpster

Q. 496 A scale is used to measure _____ .

a. temperature

b. weight

c. height

d. length

Q. 497 Two types of roots are _____ and _____ .

- a. brown and red
- b. long and short
- c. deep and squiggly
- d. taproots and fibrous

Q. 498 The white-stemmed gum moth caterpillars weaves body hairs into its silken cocoon. The body hairs hurt to touch. This protects the pupa inside the cocoon.

- a. True
- b. False

Q. 499 What is the atomic number for sodium?

- a. 98
- b. 55
- c. 72
- d. 54

Q. 500 When using the Scientific Method, a hypothesis is a possible answer to your question.

- a. True
- b. False

Q. 501 A front is a boundary between air masses.

- a. True
- b. False

Q. 502 What is lava called before it bubbles to the surface?

- a. steam
- b. dust
- c. magma

Q. 503 The rock cycle is a fundamental concept in geology that describes the dynamic changes through time among the three main rock types: sedimentary, metamorphic, and igneous.

- a. True
- b. False

Q. 504 Birds lay eggs that have a shell, they also have a beak, two wings, two legs, and feathers.

- a. True
- b. False

Q. 505 Frogs and snakes are both amphibians.

- a. True b. False

Q. 506 Magnetism can go through air, water, glass, and walls.

- a. True b. False

Q. 507 Some nonrenewable resources are : _____

- a. natural gas, coal, oil, soil, metal b. oil, coal, water, animals
c. minerals, metals, coal, rocks d. minerals, metals, oil, coal

Q. 508 A cold front is a front where a cold air mass moves in under a warm air mass.

- a. True b. False

Q. 509 In which kingdom protozoa are put ?

- a. Protista b. Animalia
c. Plantae d. Fungi

Q. 510 If the Earth is tilted on its axis. This causes-

- a. day and night b. phases of the moon
c. the seasons d. a year

Q. 511 The _____ at the Earth's surface determines the form of precipitation.

- a. water cycle b. condensation
c. temperature

Q. 512 Long hair should be pulled away from your face.

- a. True b. False

Q. 513 A liquid has a definite shape and takes up a definite amount of space.

- a. True b. False

Q. 514 An earthquake is what happens when _____ of the earth suddenly slip past one another.

- a. three blocks
- b. the surface
- c. two blocks
- d. waves

Q. 515 Soil is formed when _____ are broken down by weather, water and living things over long periods of time.

- a. Animals
- b. Rocks
- c. Houses

Q. 516 Which layer of soil contains the most humus?

- a. subsoil
- b. clay
- c. topsoil
- d. bedrock

Q. 517 A ruler is used to measure _____ .

- a. weight
- b. length
- c. temperature
- d. none of the above

Q. 518 When this type of resource is used up, there will be no more. What type of resource is this?

- a. Natural Resources
- b. Reusable Resources
- c. Nonrenewable Resources
- d. Renewable Resources

Q. 519 Nonrenewable resources are resources that _____ .

- a. can be used again and again
- b. cannot be replaced in a human lifetime
- c. can be replaced quickly
- d. can be replaced in a lifetime

Q. 520 A solid has a definite shape and takes up a definite amount of space.

- a. True
- b. False

Q. 521 Which ocean is closest to Florida?

- a. Pacific Ocean
- b. Atlantic Ocean
- c. Indian Ocean
- d. Caspian Sea

Q. 522 How are ice and the wax of a candle alike?

- a. Neither are matter, but they can both change states. b. They are both matter, but only the wax can change states.
- c. They are both matter, but only the ice can change states. d. They are both matter and they can both change

Q. 523 A paleontologist is a scientist who studies fossils.

- a. True b. False

Q. 524 Fossils can be formed when a dead animal is covered with plants.

- a. True b. False

Q. 525 When you leave a glass of water standing on the counter, water forms on the outside of the glass. This is an example of _____ .

- a. condensation b. a solid
- c. evaporation d. a liquid

Q. 526 All gemstones are minerals

- a. True b. False

Q. 527 What is the atomic weight of sodium?

- a. 22.9898 b. 69.3999
- c. 32.0000 d. 24.9696

Q. 528 Temperature can be measured with a: _____ .

- a. barometer b. ruler
- c. thermometer d. calculator

Q. 529 Water that collects in spaces between underground rocks is called _____ .

- a. groundwater b. ocean water
- c. water vapor

Q. 530 There is a large supply of fossil fuels like coal, oil, and gas.

- a. True b. False

Q. 531 Tubes that carry food through a plant's leaves are its _____ .

- a. stem b. veins
c. petals

Q. 532 When water moves through the water cycle, wind and the _____ energy cause evaporation.

- a. sun's b. water's
c. vapor's

Q. 533 How do plants and animals differ?

- a. Animals need nutrients. b. Animals make their own food.
c. Animals cannot make their own food. d. Plants need water.

Q. 534 What is oxygen?

- a. A gas b. A liquid
c. A solid d. Both b and c

Q. 535 What causes more changes to the environment than anything else?

- a. people b. migrating animals
c. floods d. drought

Q. 536 The water cycle includes condensation, evaporation and precipitation.

- a. True b. False