

SCIENCE
"I CAN STATEMENTS"
GRADE TWO

ESS: Earth and Space Science

PS: Physical Science

LS: Life Science

FIRST QUARTER

LS1. I can identify an environmental change caused by living things (e.g., beavers create a dam).
LS2. I can generate a chart, table, or pictograph using information about living things and their physical environments.
LS3. I can compare two habitats, one affected by living things, and one that has not been affected by living things.
LS4. I can analyze characteristics of different habitats.
LS5. I can observe an animal in its habitat.

SECOND QUARTER

LS6. I can name an animal from Ohio that is now extinct.
LS7. I can compare the features of animals that are living today with those of animals that are extinct.
LS8. I can make a fossil using many different materials (e.g., clay, plaster, soil).
LS9. I can interpret the information on a chart, table, or pictograph comparing animals of today with those that are extinct.

THIRD QUARTER

PS1. I can identify how to move an object without touching it.
PS2. I can draw a picture of a device that will move an object without touching it and compare my design with those of classmates.
PS3. I can plan and do an experiment to move objects without touching them.
PS4. I can build a device to move an object from one place to another without touching it.
PS5. I can test and evaluate my device for moving an object without touching it and share/discuss my results with the class.
PS6. I can explain two ways to change the motion of an object.
PS7. I can explain how force relates to motion.
PS8. I can plan and do a scientific experiment to change how an object moves.
PS9. I can list contact/noncontact forces that can move an object.
PS10. I can recognize that greater changes in motion require larger forces.
PS11. I can compare moving and stopping objects.
PS12. I can predict how a force will affect an object.

FOURTH QUARTER

ESS1. I can recognize that air takes up space and can be weighed.
ESS2. I can measure wind speed and wind direction.
ESS3. I can record and interpret wind patterns.
ESS4. I can plan and do an air experiment.
ESS5. I can design and construct an instrument that can measure wind speed and wind direction and demonstrate the final product to the class.
ESS6. I can list examples of water in the atmosphere.
ESS7. I can compare the different appearances of clouds.
ESS8. I can recall how water can change from liquid to vapor and vapor to liquid.
ESS9. I can identify clouds as droplets of water.
ESS10. I can explain how droplets of water can combine and form into raindrops.
ESS11. I can plan and do an experiment to find the factors for water evaporation.
ESS12. I can help to design and construct a classroom aquarium.
ESS13. I can recall that weather changes occur due to energy changes.
ESS14. I can recognize weather fronts when there are air masses that collide.
ESS15. I can identify the relationship between wind and cloud changes versus changes in weather from one season to another.
ESS16. I can research the long-term and short-term changes in weather that occur at specific weather fronts.
ESS17. I can represent research findings graphically or share my findings with the class.
ESS18. I can plan and do an investigation to collect and measure wind-chill data, temperature, and humidity levels.
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ESS19. I can explain how wind and location can affect day to day weather.
ESS20. I can design and construct an instrument that can measure wind speed and wind direction and discuss/share my findings with the class.

Compiled: 5/20/11