SECOND GRADE SCIENCE I cans

- I can recognize that air takes up space and can be weighed.
- I can measure wind speed and wind direction.
- I can record and interpret wind patterns.
- I can plan and do an air experiment.
- I can design and construct an instrument that can measure wind speed and wind direction and demonstrate the final product to the class.
- I can list examples of water in the atmosphere.
- I can compare the different appearances of clouds.
- I can recall how water can change from liquid to vapor and vapor to liquid.
- I can identify clouds as droplets of water.
- I can explain how droplets of water can combine and form into raindrops.
- I can plan and do an experiment to find the factors for water evaporation.
- I can help to design and construct a classroom aquarium.
- I can recall that weather changes occur due to energy changes.
- I can recognize weather fronts when there are air masses that collide.
- I can identify the relationship between wind and cloud changes versus changes in weather from one season to another.
- I can research the long-term and short-term changes in weather that occur at specific weather fronts.

- I can represent research findings graphically or share my findings with the class.
- I can plan and do an investigation to collect and measure wind-chill data, temperature, and humidity levels.
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- I can explain how wind and location can affect day to day weather.
- I can design and construct an instrument that can measure wind speed and wind direction and discuss/share my findings with the class.
- I can identify how to move an object without touching it.
- I can draw a picture of a device that will move an object without touching it and compare my design with those of classmates.
- I can plan and do an experiment to move objects without touching them.
- I can build a device to move an object form one place to another without touching it.
- I can test and evaluate my device for moving an object without touching it and share/discuss my results with the class.
- I can explain two ways to change the motion of an object.
- I can explain how force relates to motion.
- I can plan and do a scientific experiment to change how an object moves.
- I can list contact/noncontact forces that can move an object.
- I can recognize that greater changes in motion require larger forces.

- I can compare moving and stopping objects.
- I can predict how a force will affect an object.
- I can name an animal from Ohio that is now extinct.
- I can compare the features of animals that are living today with those of animals that are extinct.
- I can make a fossil using many different materials (e.g., clay, plaster, soil).
- I can interpret the information on a chart, table, or pictograph comparing animals of today with those that are extinct.
- I can identify an environmental change caused by living things (e.g., beavers create a dam).
- I can generate a chart, table, or pictograph using information about living things and their physical environments.
- I can compare two habitats, one affected by living things, and one that has not been affected by living things.
- I can analyze characteristics of different habitats.
- I can observe an animal in its habitat.