

Grade 2 Science Checklist

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Related Schoolwide Learner Outcomes

Physical Science: Matter and Its Interactions

- ☐ 2-PSI-1: I can talk about and organize different materials using my observations of the materials. I can observe things like color, texture, hardness, and flexibility.
- ☐ 2-PSI-2: I can test different materials and use my observations to decide which materials are best for a given situation.
- ☐ 2-PSI-3: I can observe, construct, and write about taking apart one object and making it into a new object.
- ☐ 2-PSI-4: I can talk about why some changes caused by heating or cooling can be reversed and some cannot. I can support my thoughts with evidence.

Life Science: Ecosystems - Interactions, Energy, and Dynamics

- ☐ 2-LS2-1: I can complete experiments to decide whether or not plants need sunlight and water to grow.
- ☐ 2-LS2-2: I can create a model that shows how animals are helpful in dispersing seeds or pollinating plants.

Life Science: Biological Evolution - Unity and Diversity

- ☐ 2-LS4-1: I can look at the animals and plants in different habitats to compare diversity.

Earth and Space Science: Earth's Place in the Universe

- ☐ 2-ESS1-1: I can talk about events on Earth that occur quickly. I can talk about events on Earth that occur slowly.

Earth and Space Science: Earth's Systems

- ☐ 2-ESS2-1: I can develop solutions that will slow or prevent wind or water from changing the shape of the land.
- ☐ 2-ESS2-2: I can create models that look like land and bodies of water in an area.
- ☐ 2-ESS2-3: I can talk about where water is found on Earth. I can talk about where to find solid and liquid forms of water.

Engineering Design

- ☐ K-2-ETS1-1: I can find out about simple problems that people that I know what to change and figure out how to solve them. I can talk about how a problem can be fixed. I can talk about the solution that I have created and why it will help solve the problem.
- ☐ K-2-ETS1-2: I can create a drawing that shows how the shape of an object makes it work the way it is supposed to work.
- ☐ K-2-ETS1-3: I can compare two objects that were made to solve the same problem and talk about the strengths and weaknesses of both objects.