



01

# Science - USA

NGSS - GRADE 2

Experience Level: **ELEMENTARY**Number of Classes: **VARIABLE**Age Range: **6 - 7 YEARS**

01

## Ecosystems: Interactions, Energy, and Dynamics

- Plan and conduct an investigation to determine if plants need sunlight and water to grow.
- Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

02

## Biological Evolution: Unity and Diversity

- Make observations of plants and animals to compare the diversity of life in different habitats.



+91 9953941983



info@omniowl.in

02

03

## Earth's Systems: Processes that Shape the Earth

- Use information from several sources to provide evidence that Earth events can occur quickly or slowly.
- Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
- Develop a model to represent the shapes and kinds of land and bodies of water in an area.
- Obtain information to identify where water is found on Earth and that it can be solid or liquid.

04

## Structure and Properties of Matter

- Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
- Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.
- Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.
- Construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot.



+91 9953941983



info@omniowl.in

03

05

## Engineering Design

- Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
- Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
- Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.



+91 9953941983



info@omniowl.in