

Farm	Activities
Windrush	Food Production, Life Cycles of frogs
Tresch	Dairy food production
Paradise Valley	Plants, animals, scientific experiment, insect, magnifiers, making hypothesis, plant food production
Gospel Flats	Natural resources, land usage

Grade Two

Plants and animals have predictable life cycles. As a basis for understanding this concept:

- Students know that organisms reproduce offspring of their own kind and that the offspring resemble their parents and one another.
- Students know the sequential stages of life cycles are different for different animals, such as butterflies, frogs, and mice.
- Students know many characteristics of an organism are inherited from the parents. Some characteristics are caused or influenced by the environment.
- Students know there is variation among individuals of one kind within a population.
- Students know light, gravity, touch, or environmental stress can affect the germination, growth, and development of plants.
- Students know flowers and fruits are associated with reproduction in plants.

Earth is made of materials that have distinct properties and provide resources for human activities.

- Students know how to compare the physical properties of different kinds of rocks
- Students know smaller rocks come from the breakage and weathering of larger rocks.
- Students know that soil is made partly from weathered rock and partly from organic materials and that soils differ in their color, texture, capacity to retain water, and ability to support the growth of many kinds of plants.
- Students know rock, water, plants, and soil provide many resources, including food, fuel, and building materials, that humans use.
- Use magnifiers or microscopes to observe and draw descriptions of small objects or small features of objects.

Social Studies

- Compare and contrast basic land use in urban, suburban, and rural environments in California.
- Describe food production and consumption long ago and today, including the roles of farmers, processors, distributors, weather, and land and water resources.
- Understand the role and interdependence of buyers (consumers) and sellers (producers) of goods and services.
- Understand how limits on resources affect production and consumption (what to produce and what to consume).

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