

Franklin Lakes Science Curriculum

Life Science - Grade 2

Unit Objective: All students will gain an understanding of the structure, characteristics, and basic needs of organisms and will investigate the diversity of life.

Required Objectives	Suggested Activities
<p><i>Knowledge: Students will have an understanding of:</i></p> <ul style="list-style-type: none"> •How plants have adaptations to live in different environments •How animals are put into two group: backbones/no backbones •How animals and plants need each other and are part of a food chain •How living things have different life cycles •How the life cycles includes the way a living thing grows and changes <p><i>Skills: Students will be able to:</i></p> <ul style="list-style-type: none"> •Make a model of a flowering plant and use the model to point out plant parts to classmates •Observe plants and record observations in a chart to compare and contrast both plants •Make a model of a habitat to camouflage animals from weathering and erosion 	<p><i>Directed Inquiry:</i></p> <ul style="list-style-type: none"> •Do plants need water? •How are worms and snakes alike and different •What does yeast need to grow? •Which hand do different children use to write? <p><i>Guided Inquiry:</i></p> <ul style="list-style-type: none"> •Do plants need light? •How can an octopus use its arms? •How can you model a food web? •How does a caterpillar grow and change? <p><i>Full Inquiry:</i></p>

5. What exactly is weathering?

6. How does weathering affect the surface of the earth?

7. Explain why weathering can only occur in the

8. What is the basic difference between mechanical weathering (also called Disintegration) and chemical weathering (also called Decomposition)?

9. Describe in detail 2 types of mechanical weathering.

10. Describe in detail 3 types of chemical weathering.

11. Describe in detail