



Build Your Own Terrarium (K to Grade 4) - Curriculum Connections

Suggested Grades: K, 1, 2, 3, 4

Curriculum Connections: Matter (K, 3), Living Systems (Gr 1, 2, 3), Earth Systems (K, 1, 2, 3, 4), Computer Science (K, 1)

Specific Learning Outcomes:

Kindergarten

- *Matter* - Children examine properties of objects.
- *Earth Systems* - Children examine and describe surrounding environments (plants).
- *Computer Science* - Children interpret instructions in various environments.

Grade 1

- *Earth Systems* - Students analyze environments and investigate interactions and changes.
- *Living Systems* - Students investigate and examine needs of plants and animals.
- *Computer Science* - Students follow instructions and relate them to outcomes.

Grade 2

- *Earth Systems* - Students investigate Earth, its landforms, its bodies of water, and its relationship to the sun (plants).
- *Living Systems* - Students investigate the growth and development of plants and animals and consider their relationship to humans.

Grade 3

- *Matter* - Students investigate and analyze how materials have the potential to be changed (evaporation/condensation of water in jar).
- *Earth Systems* - Students analyze changes in Earth's surface and explain how its layers hold stories of the past (soil includes living plants/animals, decaying plants/animals, rock particles, air, water).
- *Living Systems* - Students analyze and describe how plants and animals interact with each other and within environments.



Grade 4

- *Earth Systems* - Students investigate the systems of Earth and reflect on how their interconnections sustain life (natural resources include soil, water, organisms).