

Environmental Science Supply List

for Semester 1

The following is a comprehensive, lesson-by-lesson list of the materials that you will need for demonstrations and other activities in the Chemistry lessons.

The materials in the following box are needed for many activities.

*= optional material

Frequently Used Materials

- calculator
- paper
- markers or color pencils
- pen or pencil

Module 1:

1.1.2 Analyzing Ecological Footprints

- markers or colored pencils
- graphing paper
- pen or pencil
- reference books

1.2.1 Scientific Method

- hand lens
- meter stick

Module 2:

2.1.3 Recognizing Seismic Patterns

- markers or colored pencils
- pen or pencil
- wall world map showing longitude and latitude
- small world map showing longitude and latitude

Module 3:

3.1.1 Studying Ecology

- 5m x 5m plot of land

3.2.2 Explaining the Carbon Cycle in Fermentation

- baker's yeast
- balance
- beaker, 100 mL
- beakers, 50 mL (3)
- graduated cylinder
- salt (0.5 g)
- stirring rod
- sugar (0.5 g)
- water, warm

Module 4:

4.1.2 Research Identifying Sustainable Rainforest Products

- highlighting marker
- pencil
- references

Module 5:

5.2.2 Predator Prey Interactions

- pencil
- ruler

Module 6:

6.1.3 Quadrat Sampling

- Quadrat
- Meter stick
- Calculator
- Objects to count

6.2.2 Unplug: Charles's Law Balloon Experiment

- 2 balloons
- freezer
- hot day or lamp
- sewing measuring tape or piece of string and ruler