



ENLIGHTIUM
ACADEMY

Honors Middle School Earth Science Course Supply List

Note: There are additional digital projects and written assignments that will be assigned in the course; this list focuses on supplies that will need to be gathered for hands-on experiments. Common supplies such as pens, paper, water, etc. have been omitted from this list but are given within Ignitia. If any supplies are unobtainable or unaffordable, please inform the instructor.

Please note that this list is for middle school students enrolled in Honors Earth Science.

Project: Soil Particles

- 1 ½ cups potting soil
- ½ cup sand
- Two wide-mouthed juice bottles with lids
- Masking tape
- A spoon

Project: Ice Erosion

- Ten lbs sand
- Square of window screen or kitchen strainer
- Two plastic trays, about eight by twenty four inches
- Freezer
- Ruler
- Bucket
- Measuring cup

Project: Water Purification

- One cup of dirt
- A small glass
- A large glass bowl
- Clear plastic wrap
- A small, round rock
- Sunshine (check the weather, plan ahead)

Experiment: Fresh Water vs. Salt Water

- Table salt
- Two clear glasses

- A measuring cup and measuring spoons
- Two eggs
- Two plastic cups
- A freezer and stove
- A small pot
- Two pie plates or shallow pans about the same size

Project: Greenhouse Effect

- Two shoe boxes or any other boxes that are similar in size
- Clear plastic wrap or a pane of glass
- Two thermometers for measuring air temperatures
- Two lamps (if performing without sunlight)

Project: Newton's Law

- A bucket with a handle