



ENLIGHTIUM
ACADEMY

Honors General Science I 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.

The following items will be needed throughout the course:

- Access to research materials (internet, local library, etc.)
- Graph paper
- Microsoft® Excel® (if this is not available, contact your teacher for alternative options)
- A metric ruler
- A meter stick
- Thermometers
- Markers

Experiment: Variables, Hypothesis and Scientific Method

- Two tsp sugar
- Two tsp unflavored gelatin
- Six paper cups
- Plastic wrap
- Cotton swabs

Experiment: Dew Point

- A shiny metal can
- Ice cubes
- A thermometer
- A stir rod or spoon

Experiment: Looking Inside Cheek Cells

- A wooden splint
- [Iodine solution](#)
- A slide and cover slip
- Tweezers
- An eye dropper
- A microscope (video provided for those who don't have access to a microscope)

Experiment: Red Celery

- A stalk of celery
- Red food coloring
- Half a glass of water
- A sharp knife
- A teaspoon