



monarch

Curriculum Catalog

General Science III

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UNIT 1: OUR ATOMIC WORLD

Assignment	Summary	Video Demo	Supplies
Essay: Reactors	Write a 600-word report discussing nuclear reactors.	No	research resources
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 2: VOLUME, MASS, AND DENSITY

Assignment	Summary	Video Demo	Supplies
Experiment: Determining Volume	In lesson 1 we looked at volume and some different ways of determining it. In this experiment, we will use some of these techniques to determine the volumes of objects.	No	<ul style="list-style-type: none"> • Graduated cylinder • water • assorted small rocks. (Be sure they will fit easily into the graduated cylinder.) • A rectangular solid that can be measured, such as a brick or box. • meter stick or ruler.
Experiment: Mass of Gas	Write a report on the mass of gas.	No	<ul style="list-style-type: none"> • two balloons of the same size • meter stick • string • paper clips
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 3: PHYSICAL GEOLOGY

Assignment	Summary	Video Demo	Supplies
Essay: Volcanic Eruptions	Write a 600-word report on what you learned about volcanic eruptions.	No	<ul style="list-style-type: none"> research resources
Experiment: Specific Gravity	In this experiment, we will measure the specific gravity of rocks.	Yes	<ul style="list-style-type: none"> balance with metric masses or spring scale strong thread various rocks beaker
Experiment: Gravity	In this experiment, we will use a magnet to simulate the amount of gravity exerted on a suspended object by a nearby mountain.	No	<ul style="list-style-type: none"> Magnet Long string, approximately 1 meter Several washers, or other material that would be attracted by a magnet Meter stick or ruler Balance Blank piece of card stock or paper to place behind the washers and string
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 4: HISTORICAL GEOLOGY

Assignment	Summary	Video Demo	Supplies
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 5: OCEANOGRAPHY

Assignment	Summary	Video Demo	Supplies
Essay: The Moon and Tides	Research and write a short report on the effect of the moon on tidal reaction.	No	<ul style="list-style-type: none"> research resources
Essay: Marine Report	Choose one: Report on fish meal production, the role of fish meal in the food chain process which occurs off the coast of Peru, or on its value as a source of protein compared to other marine life. or Research the life of Jacques Cousteau.	No	<ul style="list-style-type: none"> research resources
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 6: ASTRONOMY

Assignment	Summary	Video Demo	Supplies
Essay: Telescopes	Research the critical new developments in telescopes.	No	<ul style="list-style-type: none"> research resources
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 7: BODY HEALTH (PART 1)

Assignment	Summary	Video Demo	Supplies
Essay: Medical Science	Write a report on one of the suggested topics: Ancient Medicine, A.D. 1 to the Fourteenth Century, Renaissance Medicine, Through the Nineteenth Century, Twentieth-Century Medicine.	No	<ul style="list-style-type: none"> research resources
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 8: BODY HEALTH (PART 2)

Assignment	Summary	Video Demo	Supplies
Essay: Chemotherapy	Research the importance of chemotherapy.	No	• research resources
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 9: SCIENCE AND TOMORROW

Assignment	Summary	Video Demo	Supplies
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

UNIT 10: REVIEW

Assignment	Summary	Video Demo	Supplies
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

* indicates an alternative assignment