



# 2019-2020 Science Supply List

General Science III

## Table of Contents

UNIT 1: OUR ATOMIC WORLD .....	1
UNIT 2: VOLUME, MASS, AND DENSITY .....	1
UNIT 3: PHYSICAL GEOLOGY .....	2
UNIT 4: HISTORICAL GEOLOGY .....	2
UNIT 5: OCEANOGRAPHY .....	3
UNIT 6: ASTRONOMY .....	3
UNIT 7: BODY HEALTH (PART 1).....	3
UNIT 8: BODY HEALTH (PART 2).....	4
UNIT 9: SCIENCE AND TOMORROW .....	4
UNIT 10: REVIEW .....	4

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**UNIT 1: OUR ATOMIC WORLD**


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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

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**UNIT 2: VOLUME, MASS, AND DENSITY**


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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"> <li>• Graduated cylinder</li> <li>• water</li> <li>• assorted small rocks. (Be sure they will fit easily into the graduated cylinder.)</li> <li>• A rectangular solid that can be measured, such as a brick or box.</li> <li>• meter stick or ruler.</li> </ul>
Experiment: Mass of Gas	Write a report on the mass of gas.	No	<ul style="list-style-type: none"> <li>• two balloons of the same size</li> <li>• meter stick</li> <li>• string</li> <li>• paper clips</li> </ul>
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

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### 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"> <li>research resources</li> </ul>
Experiment: Specific Gravity	In this experiment, we will measure the specific gravity of rocks.	Yes	<ul style="list-style-type: none"> <li>balance with metric masses or spring scale</li> <li>strong thread</li> <li>various rocks</li> <li>beaker</li> </ul>
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"> <li>Magnet</li> <li>Long string, approximately 1 meter</li> <li>Several washers, or other material that would be attracted by a magnet</li> <li>Meter stick or ruler</li> <li>Balance</li> <li>Blank piece of card stock or paper to place behind the washers and string</li> </ul>
*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

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**UNIT 5: OCEANOGRAPHY**


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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. T	No	<ul style="list-style-type: none"> <li>research resources</li> </ul>
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"> <li>research resources</li> </ul>
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

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**UNIT 6: ASTRONOMY**


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

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**UNIT 7: BODY HEALTH (PART 1)**


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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"> <li>research resources</li> </ul>
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

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**UNIT 8: BODY HEALTH (PART 2)**

<b>Assignment</b>	<b>Summary</b>	<b>Video Demo</b>	<b>Supplies</b>
Essay: Chemotherapy	Research the importance of chemotherapy.	No	<ul style="list-style-type: none"> <li>research resources</li> </ul>
*Special Project	Use this Special Project template to create your own assignment for this unit.	N/A	N/A

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**UNIT 9: SCIENCE AND TOMORROW**

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

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**UNIT 10: REVIEW**

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

\* indicates an alternative assignment