



Switched-On
SCHOOLHOUSE

2015 Science Supply List

General Science III

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UNIT 1: OUR ATOMIC WORLD

Assignment Title	Project Summary	Video Demo	Materials Needed
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 2: VOLUME, MASS, AND DENSITY

Assignment Title	Project Summary	Video Demo	Materials Needed
Experiment: Determining Volume	In this experiment, we will use some of the techniques, taught in lesson 1, 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.) <ul style="list-style-type: none"> • a rectangular solid that can be measured, such as a brick or box. • meter stick or ruler.
Experiment: Mass of Gas	In this experiment, you will investigate whether gas does truly have mass.	No	<ul style="list-style-type: none"> • two balloons of the same size • meter stick <ul style="list-style-type: none"> • string • paper clips
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 3: PHYSICAL GEOLOGY

Assignment Title	Project Summary	Video Demo	Materials Needed
Essay: Volcanic Eruptions	For this essay, you will find and read articles about three different recent 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	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 4: HISTORICAL GEOLOGY

Assignment Title	Project Summary	Video Demo	Materials Needed
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 5: OCEANOGRAPHY

Assignment Title	Project Summary	Video Demo	Materials Needed
Essay: The Moon And Tides	In this essay, you will write a report on the moon and tides	No	• research resources
Essay: Marine Report	In this essay, you will write a 300 word report on some aspect of fish meal or on Jacques Cousteau and his contributions to oceanography	No	• research resources
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 6: ASTRONOMY

Assignment Title	Project Summary	Video Demo	Materials Needed
Essay: Telescopes	In this essay, you will write a report on new developments in telescopes.	No	• research resources
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 7: BODY HEALTH (PART 1)

Assignment Title	Project Summary	Video Demo	Materials Needed
Essay: Medical Science	In this essay you will learn about the people who have contributed to the information presented in this unit.	No	• research resources
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 8: BODY HEALTH (PART 2)

Assignment Title	Project Summary	Video Demo	Materials Needed
Essay: Chemotherapy	In this essay, you will write a report on chemotherapy.	No	• research resources
*Special Project	Special Project assignments are used by teachers to create their own projects if needed	No	N/A

*indicates alternate project/experiments

UNIT 9: SCIENCE AND TOMORROW

Assignment Title	Project Summary	Video Demo	Materials Needed
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments

UNIT 10: REVIEW

Assignment Title	Project Summary	Video Demo	Materials Needed
*Special Project	Special Project assignments are used by teachers to create their own projects if needed.	No	N/A

*indicates alternate project/experiments