



ODYSSEYWARE®

2010-2011 Science Lab List

General Science 900

Table of Contents

GENERAL SCIENCE 900 (2010): UNIT 1 - OUR ATOMIC WORLD	1
GENERAL SCIENCE 900 (2010): UNIT 2 - VOLUME, MASS, AND DENSITY	2
GENERAL SCIENCE 900 (2010): UNIT 3 - PHYSICAL GEOLOGY	3
GENERAL SCIENCE 900 (2010): UNIT 4 - HISTORICAL GEOLOGY.....	4
GENERAL SCIENCE 900 (2010): UNIT 5 - OCEANOGRAPHY	5
GENERAL SCIENCE 900 (2010): UNIT 6 - ASTRONOMY	6
GENERAL SCIENCE 900 (2010): UNIT 7 - BODY HEALTH (PART 1).....	7
GENERAL SCIENCE 900 (2010): UNIT 8 - BODY HEALTH (PART 2).....	8
GENERAL SCIENCE 900 (2010): UNIT 9 - SCIENCE AND TOMORROW.....	9
GENERAL SCIENCE 900 (2010): UNIT 10 - REVIEW.....	9

GENERAL SCIENCE 900 (2010): UNIT 1 - OUR ATOMIC WORLD

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
8	Project: Reactors	Your goal for this assignment is to write a 600 word report discussing nuclear reactors. Supply List: N/A
12	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 2 - VOLUME, MASS, AND DENSITY

Assignment Number	Assignment Title	Project Summary and Supply List
2	Experiment: Determining Volume	<p>Your goal for this assignment is to determine the volumes of objects.</p> <p>Supply List:</p> <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
5	Experiment: Mass of Gas	<p>Your goal for this assignment is to investigate whether gas does truly have mass.</p> <p>Supply List:</p> <ul style="list-style-type: none"> • two balloons of the same size • meter stick • string • paper clips
10	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 3 - PHYSICAL GEOLOGY

Assignment Number	Assignment Title	Project Summary and Supply List
4	Project: Volcanoes	Your goal for this assignment is to write a 600 word report on a historical volcanic eruption. Supply List: N/A
12	Experiment: Specific Gravity	Your goal for this assignment is to measure the specific gravity of rocks. Supply List: <ul style="list-style-type: none"> • balance • set of metric masses • strong thread • various rocks • beaker
13	Experiment: Gravity	Your goal for this assignment is to use a magnet to simulate the amount of gravity exerted on a suspended object by a nearby mountain. Supply List: <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
16	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 4 - HISTORICAL GEOLOGY

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
4	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 5 - OCEANOGRAPHY

Assignment Number	Assignment Title	Project Summary and Supply List
4	Project: The Moon and Tides	Your goal for this assignment is to research and write a short report on the effect of the moon on tidal reaction. Supply List: N/A
12	Project: Marine Report	Your goal for this assignment is to either write a report on fish meal production or write a report on the life of Jacques Cousteau. Supply List: N/A
14	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 6 - ASTRONOMY

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
8	Project: Telescopes	Your goal for this assignment is to write a 200 word report on the new developments of telescopes. Supply List: N/A
12	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 7 - BODY HEALTH (PART 1)

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
4	Project: Medical Science	Supply List : N/A
18	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 8 - BODY HEALTH (PART 2)

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
3	Project: Chemotherapy	Your goal for this assignment is to write a 200 word report on chemotherapy. Supply List: N/A
13	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 9 - SCIENCE AND TOMORROW

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
12	Special Project	Special Project assignments are used by teachers to create their own projects if needed.

GENERAL SCIENCE 900 (2010): UNIT 10 - REVIEW

<i>Assignment Number</i>	<i>Assignment Title</i>	<i>Project Summary and Supply List</i>
11	Special Project	Special Project assignments are used by teachers to create their own projects if needed.