

PHYSICAL SCIENCE
EXPLORING CREATION WITH PHYSICAL SCIENCE
SPRING 2017 SYLLABUS

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January 27 **Module 7 WEATHER FACTORS**

1. Weather worksheets: week of Dec. 13, Jan. 3, Jan. 17
2. Vocabulary and concept worksheets
3. Mod. 7 study guide?? 1,3,5,7,8,10,11,13,14,16

February 3 **Module 8 PREDICTING WEATHER**

1. Mod. 8 study guide?? 1,2,6,7,8,9,10,11,13,15,16,17,19,20,22

February 17 **Module 11 GRAVITY, PLANETS, COMETS**

- Lab. 11.1 force and circular motion
- Lab. 11.2 theory of gravity
- Lab. 11.3 gravitation theory of gravity
- Supp. Lab. 11S

March 3 **Module 12 MAGNETS, ELECTRICITY**

- Lab. 12.1 electrical attraction and repulsion
- Lab. 12.2 making an electroscope
- Lab. 12.3 current and resistance

March 17 **Review Modules 7,8,11,12**

March 31 **ELECTRICITY (guest speaker)**

- Parallel and series circuits
- Electric motors
- Electrical terms
- Electrical repairs

April 7 **Module 14 SOUND WAVES**

- Lab. 14.1 sound waves travel
- Lab. 14.2 speed of sound
- Lab. 14.3 wavelength and sound

April 21

Module 15 LIGHT

- Lab. 15.1 wavelengths of light
- Lab. 15.2 law of reflection
- Lab. 15.3 refraction of light
- Lab. 15.4 magical quarter
- Lab. 15.5 eyes detect color

April 28

SIMPLE MACHINES

- a. Simple machine vocabulary
- b. Simple machine labs

May 5

Review Mod. 14,15, electricity, simple machines