

**PHYSICAL SCIENCE**  
**EXPLORING CREATION WITH PHYSICAL SCIENCE**  
**SPRING 2019 SYLLABUS**

- January 25    **Module 7    WEATHER FACTORS**
1. Weather worksheets: week of Dec. 16, Jan. 7, Jan. 21
  2. Vocabulary and concept worksheets
  3. Mod. 7 study guide?? 1,3,5,7,8,10,11,13,14,16
- February 1    **Module 8    PREDICTING WEATHER Guest speaker**
1. Mod. 8 study guide?? 1,2,6,7,8,9,10,11,13,15,16,17,19,20,22
- February 8    **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
- February 15    **Module 12    MAGNETS, ELECTRICITY**
- Lab. 12.1        electrical attraction and repulsion  
Lab. 12.2        making an electroscope  
Lab. 12.3        current and resistance
- March 1        **Review Modules 7,8,11,12**
- March 8        **ELECTRICITY (guest speaker)**
- Parallel and series circuits  
Electric motors  
Electrical terms  
Electrical repairs
- March 15        **Module 14    SOUND WAVES**
- Lab. 14.1        sound waves travel  
Lab. 14.2        speed of sound  
Lab. 14.3        wavelength and sound

April 12

**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 26

**SIMPLE MACHINES**

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

May 3

**Review Mod. 14,15, electricity, simple machines**