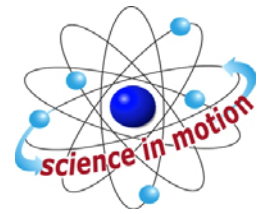


SECTION 5: THE SLANT OF THE SUN'S RAYS LAB



Westminster College

INTRODUCTION

During the summer, the United States is tilted toward the Sun and its rays hit the North America more directly. During winter, the Sun's rays strike the United States at a slant due to the tilt of the Earth, making the temperature cooler.

ASSESSMENT ANCHORS ADDRESSED

- S4.A.3.1** Use models to illustrate simple concepts and compare the models to what they represent.
- S4.A.3.3** Identify and make observations about patterns that regularly occur and reoccur in nature.
- S4.D.3.1** Describe Earth's relationship to the sun and the moon.

PURPOSE

Students will further study the difference between slanted and direct sun rays through a series of experiments.

MATERIALS

For the class:	For each pair:
Solar cell	1 thermometer
Alligator clips	Work sheet The Sun's Rays
Motor	Black construction paper
Flashlight	
Post it*	

*Teacher provides items marked with **