

Grade 12 Physics Lesson Plan

Objectives

The objective of this lesson is for students to learn about different materials and objects and at what temperatures these objects are found at. Understanding temperature is a key element in understanding basic Physics.

Standards

This lesson will cover standard p.1.13 of the Indiana Department of Education which reads as follows, "Use the concepts of temperature, thermal energy, transfer of thermal energy, and the mechanical equivalent of heat to predict the results of an energy transfer."

Overview

This lesson is pretty basic but it will give the students a better understanding of temperature and will allow them to understand the grand scheme of things when it comes to the range at which temperature can be found.

Materials

Personal or lab computer with access to the internet.

Procedure

Using Stixy, the students will need to collect images of different objects/materials (i.e. the Sun, lava, the human body). With these images, the students need to research the items and find out the temperatures at which they are found naturally. This information needs to be included as a note on their Stixyboards so each picture has a caption.

Evaluation

Evaluation of this project will simply be a Q&A session in a following class because not all students will choose the same objects, it would be impossible to do a formal evaluation of the class.