**Speed of Light Lab**

Purpose:

Procedure:

Calculations:

Discussion:

1) What is a **standing waves**? Give an example.

2) A microwave oven generates microwaves at a specific frequency that cause water molecules to **resonate**. This in turn heats the food. What is **resonance** (you may have to do some research)? Give an example of **resonance**.

http://www.planet-science.com/categories/over-11s/physics-is-fun!/2012/01/measure-the-speed-of-light-using-chocolate.aspx