

Mini Lab Observe Wavelength

Procedure

1. Read the procedure and safety information, and complete the lab form.
2. Fill a **pie plate** or other wide pan about 2 cm deep with **water**.
3. Lightly tap your finger once per second on the surface of the water and observe the spacing of the water waves.
4. Increase the rate of your tapping, and observe the spacing of the water waves.

Analysis

1. Describe how the spacing of the water waves relates to their wavelength.

2. Describe how the spacing of the water waves changes when the rate of tapping increases.
