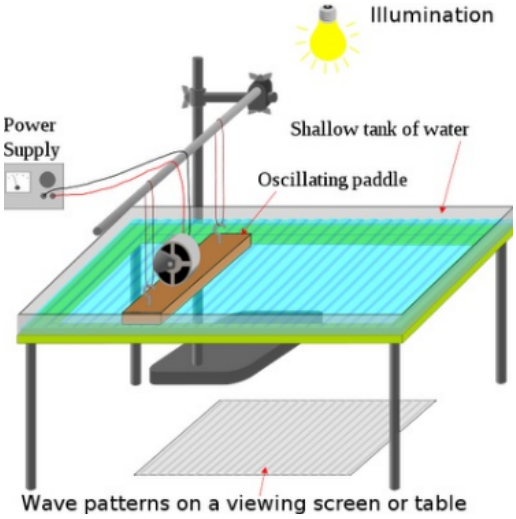
https://www.youtube.com/watch?v=kgL-hOBvQcc

Physics: Required Practical 7



- What is this required practical about?

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- What does the word “oscillating” mean?

.....

- Complete the table to outline the differences in the two types of wave.

Name	Diagram	Particle movement	Example

- What piece of equipment is used to measure length of a wave?

.....

- Recall the equation to calculate the frequency of a wave.
  Give the units for each part of the equation.

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- Recall the equation to calculate wave speed.
  Give the units for each part of the equation.

- Think about how you carried out this practical, your aim was to calculate the speed of **ripples on the surface of water**.

  Write a logical and comprehensive method, using numbered bullet points.

Is your method good?

Read it. If someone else could get results from it then yes!

- You must also know how to measure the speed of sound **waves in air**. There are a few ways you can do this, each one is pictured below. For each picture, give a brief outline of how the speed of sound waves in air could be calculated. Consider the pros and cons for each