Topic 3: Lesson 1
Properties of Waves

Success Criteria

- I can describe the basic properties of waves
- I can describe how waves can cause objects to move

Vocabulary

wave	Amplitude	Wavelength	Frequency
Transverse	Crest	Trough	longitudinal

Check-in 1:

•When a loudspeaker plays music, what happens to the air molecules?

A) They completely disappear

B) They remain completely still

C) They start vibrating and pass energy to nearby molecules

D) They create a permanent sound barrier

Create a wave

How does the wavelength of the rope pattern change when you use more or less energy?

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How does the amplitude of the rope pattern change when you use more or less energy?

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LIVEWORKSHEETS