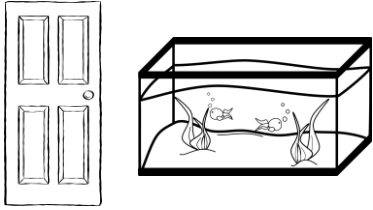


Sound (5.2)

Monday

Through which object would a sound travel the fastest? Why?



Name something that sound would travel through more slowly than these two items.

Two meteors slam into each other in outer space. Is a noise produced? Why or why not?

What is the loudness of a sound called?
Draw a wave that is loud and one that is soft.



loud

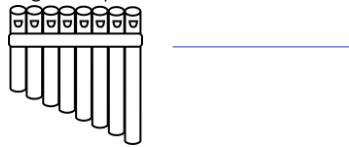


soft

What is the unit in which loudness is measured?

Tuesday

Label this image to show which side plays the highest pitch and which plays the lowest pitch.
How do you know?



What does this animal use sound for?



What is the name for this special process?

What other animals use this process?

Wednesday

Label the diagram with the following terms: compression, rarefaction, wavelength.



How many wavelengths are in the wave?

Draw a high frequency sound wave. Does this wave have a high or low pitch?



What are some things that produce sound at this pitch?

What is the unit in which frequency is measured?

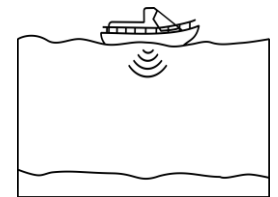
Draw a low frequency sound wave. Does this wave have a high or low pitch?



What are some things that produce sound at this pitch?

Thursday

What sound technique is this boat using?



What is the purpose of this technique?

How does this technique work?