

Percussion

Does the size of an object seem to affect its frequency/pitch? Its loudness? What effects do length, width, or thickness seem to have? Give some specific examples.

Does the shape of an object seem to affect its frequency/pitch? Its loudness? Give some specific examples.

Does an object's material seem to affect its frequency/pitch? Its loudness? Give some specific examples.

Which objects ring for the longest time? Which ring the shortest time? What seems to be causing the differences?

What can you do to affect the length of time an object rings?

Which objects have a sound that you like? Which do you think would make the best percussion instruments? Why?

Explain some of the effects you have found in terms of the vibrations that the objects must be making.