

Names of group members:

Strings & Sounds: Student Worksheet

In your groups, follow the directions on the overhead and work through these questions. If you need assistance, please raise your hand and someone will help you. Good luck!

Measure the length and width of your first string:

String #1 Length: _____ Width: _____

Measure the length and width of your second string:

String #2 Length: _____ Width: _____

1. Pluck a string. Look closely at it. What do you see? Does it look the same in the middle of the string as it does near the ends? If not, what is different?

2. Pluck the two strings. Which string has a higher sound? Why do you think this is the case?

3. Pluck one string. Turn its peg clockwise. Pluck it again. What happens to the sound?

4. Turn the same peg counter-clockwise. Pluck the string. What happens to the sound this time?

5. Now try steps 2 & 3 with the other peg. Do you get the same results? Explain.

6. Why do you think the sound changed when you turned the pegs?

Now that you have finished this exercise, what are three questions that you still have?

If you are still waiting for other groups to finish, compose a song with your 'instruments'. If there is time, you may be able to perform your song for the class!