



Scientific Process Guidelines for Percussion

Student Name: _____

Group Members: _____

Question: How does air column evident within a percussion instrument determine the pitch?

Hypotheses: 1.

2.

Predictions: 1.

2.

Please complete each column with by labeling pitch, numbering from low to high.

| Water level | Glass / Bottle 1 (Blue) | Glass / Bottle 2 (Green) | Glass / Bottle 3 (Red) | Glass / Bottle 4 (Yellow) |
|-------------|----------------------------|-----------------------------|---------------------------|------------------------------|
| 1/2" | | | | |
| 1" | | | | |
| 1 1/2" | | | | |
| 2" | | | | |
| 2 1/2" | | | | |
| 3" | | | | |
| 3 1/2" | | | | |

Analysis:

Conclusion: