

Teacher Preparation Handout

Exploration 1: “How does MATTER affect Sound?”

Materials		
Stethoscope	Tubs of Water	Desk
Chart Paper	Focus Question	Alcohol Wipes
Beaker of Water	Beaker of Sand	Empty Beaker

Preparation ahead of time:

- Need to prep chart paper with class data chart – mimic the one in the student handout
- Need to prep tubs of water
- Total number of stations for students to be in teams of 2 or 3
 - o For example: If 6 teams then you need 2 of each station (solid, liquid, and gas)
- Copies of student handout
 - o One per student
- Printed rubric for teacher to assess student handout

Exploration 2: “How does MATTER affect Light?”

Materials		
Empty Clear jar	Piece of Cardboard	Flashlight
Clear Jar of Water	Chart Paper	Focus Question

Preparation ahead of time:

- Need to prep chart paper with class data chart – mimic the one in the student handout
- Need to prep jars of water
- Total number of stations for students to be in teams of 2 or 3
 - o For example: If 6 teams then you need 2 of each station (solid, liquid, and gas)
- Copies of student handout
 - o One per student
- Printed rubric for teacher to assess student handout