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| **Subject:** | Science |
| **Title:** | Noise Makers |
| **Grade Level:** | 3 |
| **Purpose:** | For students to experiment with sound by creating a noisemaker that they can use to cheer on their favorite team during a hockey game. |
| **Curricular**  **Connections:** | * Demonstrate a variety of ways of producing sounds; e.g., by striking an empty glass, by blowing air into a bottle, by constructing and using a device that involves vibrating strings. |
| **Materials:** | * Various containers: jars, tissue boxes, Tupperware, plastic containers, empty plastic or glass bottles etc. * Various objects: rice, rocks, plastic pieces, string, balloons, elastics, plastic wrap etc. * **“Noisemakers”** recording sheet |
| **Activity:** | 1. Have students imagine going to watch their favorite hockey team play a game. Ask them how they can cheer their team on. 2. Their task is to create a noisemaker that they can use to cheer their team on. 3. Collect and display various containers and objects for the students to choose from. 4. Have them select the supplies they would like to use, and experiment with different configurations to make sounds. 5. Once each student is happy with the noisemaker they create, have them record their finished product on the handout **“Noisemakers”.** |
| **Extension:** | Make up a cheer to go with your noisemaker that connects to the quality of sound it makes. |
| **Assessment:** | Student is able to:   * Construct a device that makes sound. * Describe the quality of sound they created. * Accurately draw and label an image of their noisemaker. |

**Noisemakers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw your noisemaker and label the supplies you used:

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Describe the sound your noisemaker makes. Tell about volume and pitch.

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Why did you choose to make it this way?

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