

How Instruments Produce Sound



Use the matching sheet ID when checking answers.

Use the material to work through each task. Show the requested response.

1. What vibrates in the violin example?

Answer: strings

2. What vibrates in the drum example?

Answer: a membrane

3. Which example uses an air column?

Answer: Flute

The flute uses a vibrating air column.

4. Name a string instrument from the material.

Answer: violin

5. What common idea connects these sound sources?

Look for:

- Names vibration.

One possible response: Vibration produces the sound.

6. Why might appearance alone be a poor way to classify instruments?

Look for:

- Uses sound source rather than color or size.

One possible response: Sound production matters; similar shapes can work differently.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.