WRITING PROMPT

3

SOUND

Prompt

Write a report about your instrument. In your report:

- *include the materials you used*
- *explain how you made your instrument*
- *describe how your instrument changes pitch*

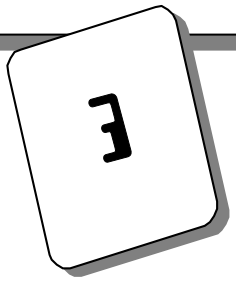
Word Walls

sound
vibration
pitch
frequency
volume
decibel
ear canal
eardrum
bones of middle ear

Writing Standards	Science Standards
☑ E2a – Report Writing	☑ S1 Physical Sciences Concepts
☐ E2b – Response to Literature	☐ S2 Life Sciences Concepts
☐ E2c – Narrative Account	☐ S3 Earth and Space Sciences Concepts
☐E2d – Narrative Procedure	☑ S7 Scientific Communication

©KITES 2002

WRITING PROMPT



SOUND

Prompt

Write a letter to your younger brother or sister explaining the importance of protecting your hearing. In your letter, include at least 3 tips for protecting your hearing. Make a poster to go along with your letter.

Note to Teachers: Read "Protecting Our Hearing" on pages 36-37 of the student book.

Word Walls

sound
vibration
frequency
volume
tension
bridge
pitch

Writing Standards	Science Standards
☐ E2a – Report Writing	☑ S1 Physical Sciences Concepts
☑ E2b – Response to Literature	☐ S2 Life Sciences Concepts
☐ E2c – Narrative Account	☐ S3 Earth and Space Sciences Concepts
☐ E2d – Narrative Procedure	☑ S7 Scientific Communication

©KITES 2002

QUICK WRITES

GRADE 3

Sound

Lesson No.	
1	*Write about some of the sounds you have heard and tell how those sounds are made.*
2	*We know sound can travel from place to place. Tell about some materials that sound travels through. (resulting in loud sounds)*
3	*Pitch and volume are not the same. Explain how they differ.*
4	*Different sized nails produce different pitches when they vibrate. Explain how you think you can change the pitch made by plucking a ruler.*
5	*Describe the different pitches produced by plucking a ruler at various lengths.*
6	*Write a prediction about the pitch of the whistle when the slide is all the way in and another prediction about the pitch when the slide is only halfway in. Draw the whistle for each of your predictions.*
7	*Tell me what you've learned about reed instruments.*
8	*Tell me what you've learned about the eardrum.*
9	*Describe the sound that a string on an instrument makes.*
10	*Describe what happens when you tighten the string on an instrument.*

©KITES 2002

11	*Tell which strings produce sounds with the highest pitches and lowest pitches and why.*
12	*Think about the string you have been using. How do you think a thicker string would sound. A thinner string?*
13	*Describe what a bridge does to an instrument.*
14	*Describe how human vocal cords are similar to rubber band models.*
15	*Tell me what you've learned about sound.*
16	*Describe your musical invention.*

©KITES 2002

WORD WALL

Sound

sound	decibel	ear canal
vibration	infrasound	eardrum
pitch	ultrasound	bones of middle ear
frequency	overtones	tension
background	brass instruments	bridge
onomatopoeia	single-reed instruments	vocal cords
volume	double-reed instruments	laryngitis
lungs	windpipe	larynx
technological design		

©KITES 2002