

Using the information in *Making Music*, select an answer from the right and write the letter in the box beside the statement.

1.

Angel Sampedro del Rio made the first bamboo sax in this year.

**A. 4,000**

2.

More than this many years ago, the Greeks invented an organ powered by water.

**B. 1985**

3.

Bronze bells that date back about this many years still exist in China.

**C. 12**

4.

Iner Souster started making instruments at this age when he pieced together old parts he found in his dad's garage

**D. 1977**

5.

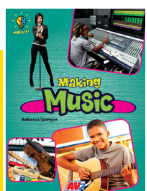
Adolphe Sax started making instruments at about this age.

**E. 2,000**

6.

Sydney Blu was born in this year.

**F. 14**



## Fill in the Blanks

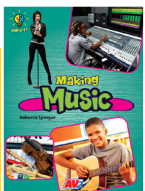
Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Making Music* to fill in the blanks below.

1. A vibrating  is a tightly stretched material that usually covers the opening of a drum base.
2. Often makers start with an idea, develop a , test it, and then improve it.
3. Some instruments, including clarinets, involve blowing air over one or more , which changes how the air vibrates.
4.  send signals to speakers, which send out sound waves.
5. Faster vibrations have a high , whereas slower vibrations sound lower.-



## True or False

Follow the instructions to complete the activity.

NAME

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Using the information in *Making Music*, verify whether the following information is true or false. Check your answers in the book. List the page number where you found your information beside your answer.

### Statement 1

Evidence suggests that people once sang in cave areas where the acoustics made their voices sound the best.

☐

True

☐

False

Page  
Number

### Statement 2

Water trombones—and brass trombones—are part of a huge group of instruments that make sounds mainly by vibrating the air outside of them.

☐

True

☐

False

Page  
Number

### Statement 3

The idea to stretch strings tightly in order to create sounds is ancient.

☐

True

☐

False

Page  
Number

### Statement 4

One of the first instruments to use electricity as part of its original design was the electric guitar.

☐

True

☐

False

Page  
Number

### Statement 5

Modern electric guitars no longer rely on vibrations to make sounds.

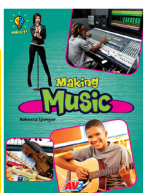
☐

True

☐

False

Page  
Number



Make It!

Making Music

Reference: All Pages

## Test Your Knowledge

Follow the instructions to complete the activity.

NAME

DATE

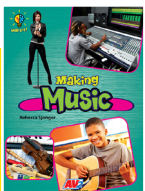
Test your knowledge of how to make animation by answering these questions.

**What are some common drums played today?**

**How can people who are deaf still enjoy music?**

**What is one musical instrument that almost everyone has?**

**What are some other modern string instruments besides a harp or lyre?**



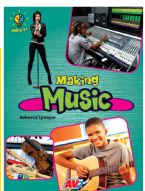
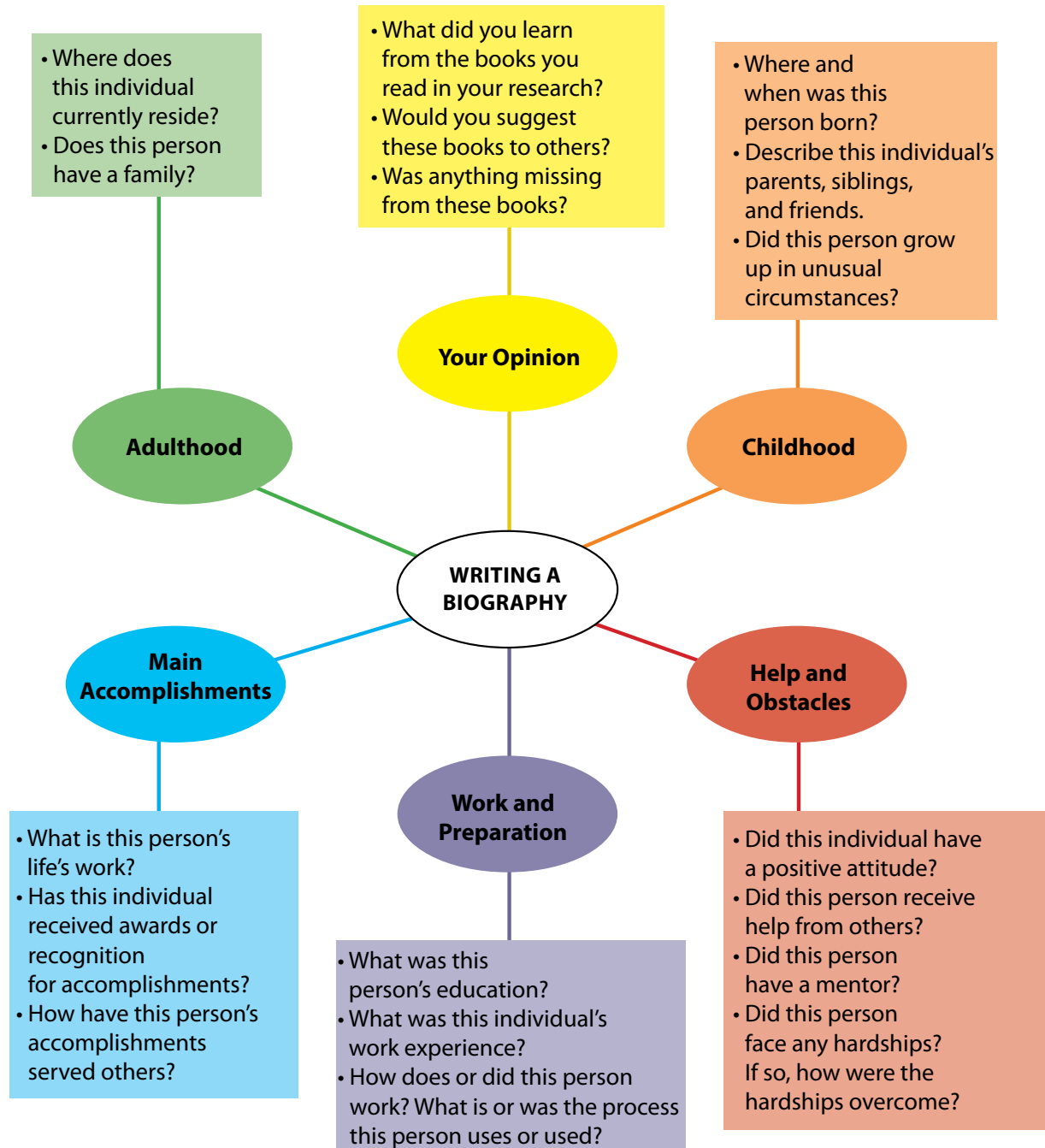
# Write a Biography

Follow the instructions to complete the activity.

NAME

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Many musicians have contributed to the maker movement. Research online, then choose a musician that you are interested in learning more about. Then, try researching and writing a biography about that person using this concept web as a guide.



Make It!

Making Music

Reference: All Pages

## Quiz

Test your knowledge by answering these quiz questions.

NAME

DATE

**1** For how long has opera remained popular?

**2** What tools did the first DJs use to make music?

**3** Who invented the armonica?

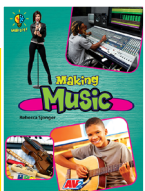
**4** What part of the ear collects sound waves?

**5** When was Bo Diddley born?

**6** What material was used to make the earliest drum membranes?

**7** Where was Adolphe Sax born?

**8** Where did yodeling begin?



## Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word.

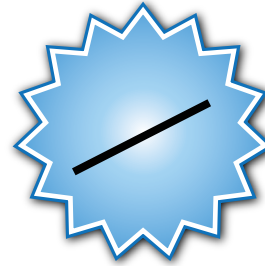
NAME

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### KEY WORDS

|             |              |
|-------------|--------------|
| acoustics   | pitch        |
| bow         | prototype    |
| friction    | scat singing |
| harpsichord | synthesizer  |
| melody      | timbre       |

**Your  
Score is**



**= %**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. <input type="text"/><br/>a physical model built for testing designs</p> <p>2. <input type="text"/><br/>the distinct sound quality made by an instrument</p> <p>3. <input type="text"/><br/>the characteristics of a space that influence how sound travels around it</p> <p>4. <input type="text"/><br/>a musical instrument that produces electronic versions of sounds made by other instruments</p> <p>5. <input type="text"/><br/>a stringed musical instrument that has two keyboards</p> <p>6. <input type="text"/><br/>a long, thin tool used to vibrate the strings of an instrument</p> | <p>7. <input type="text"/><br/>a form of vocal music in which performers imitate the sounds of instruments</p> <p>8. <input type="text"/><br/>a series of notes played in a particular order</p> <p>9. <input type="text"/><br/>the resistance caused by moving two or more objects together</p> <p>10. <input type="text"/><br/>a sound found on a scale of low to high</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

