

# Om-pah, Om-pah Booms the Tuba

Do you like the sounds of a marching band? Have you ever heard a concert by an orchestra? Many types of instruments combine to make music fun and interesting to hear.

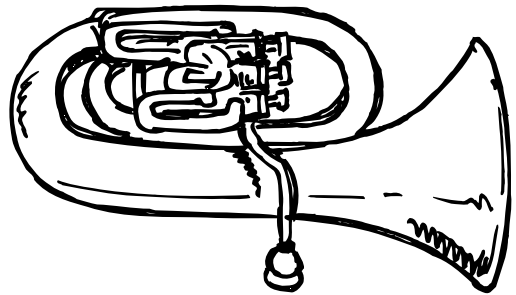
There are four basic types of instruments: strings, woodwinds, brass, and percussion.

The shiny brass instruments are an important part of every band and orchestra. As the name implies, they are made of metal. Sound is produced by blowing into a mouthpiece.

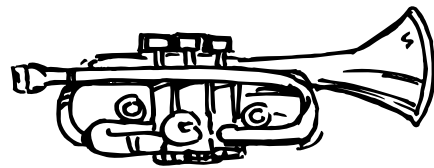
To produce notes on a trombone, the musician moves a slide back and forth. Valves on a trumpet, cornet, French horn, saxhorn, and tuba can be opened and closed in different combinations to produce notes.

The tuba produces the lowest, deepest sounds. A French horn's mellow tones blend well with the strings and woodwinds.

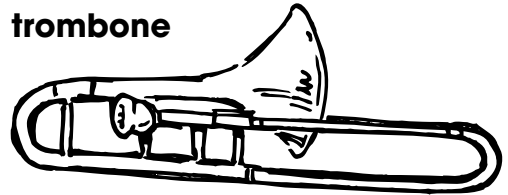
**tuba**



**trumpet**



**trombone**



1. What are the four basic types of instruments?

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2. How do musicians produce sound on brass instruments?

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3. Which brass instrument does not use valves to produce notes?

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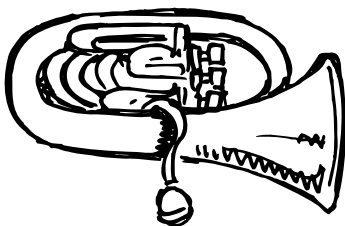
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4. Which brass instrument produces the lowest, deepest notes?

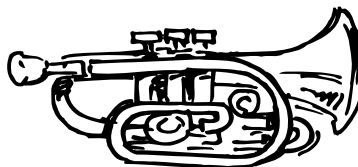
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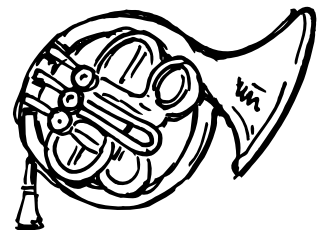
**saxhorn**



**cornet**



**French horn**



# The Strings Sing

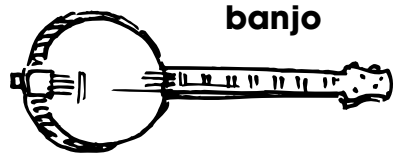
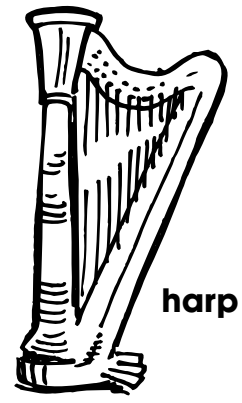
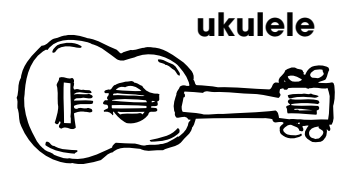
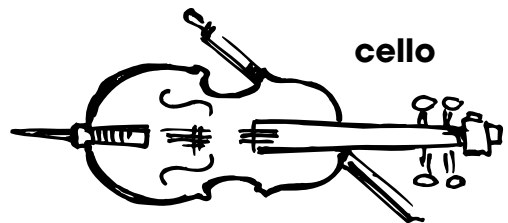
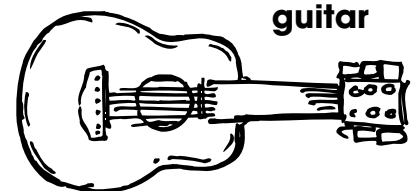
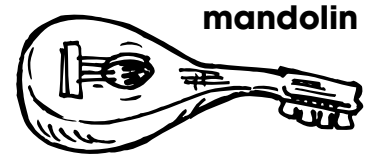
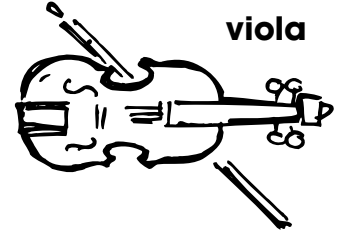
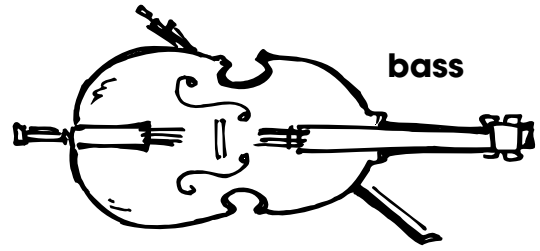
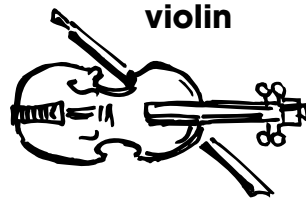
Stringed instruments are usually made of wood. The violin, viola, cello, and bass are played with a bow. The musician rubs the bow across the four strings to create music. By pressing strings in different places, different notes are produced.

Guitars, banjos, mandolins, and ukuleles have between four and eight strings, depending on the type. Musicians use either their fingers or a plectrum to pluck the strings. A plectrum is a small piece of wood, metal, ivory, or plastic.

Musicians have played harps for nearly 5,000 years. Made of wood, these stringed instruments come in many shapes and sizes. The modern harp used in an orchestra is quite large and has 46 strings.

Put an X on the line to show how sounds and notes are produced on brass and stringed instruments.

	Brass	Strings	
1.	_____	_____	With a bow
2.	_____	_____	By blowing
3.	_____	_____	By moving a slide
4.	_____	_____	By opening and closing valves
5.	_____	_____	By plucking



List the stringed instruments by type.

Stringed instruments played with a bow

Stringed instruments that are plucked

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Let's go shopping!

Read the shopping list and answer the questions.



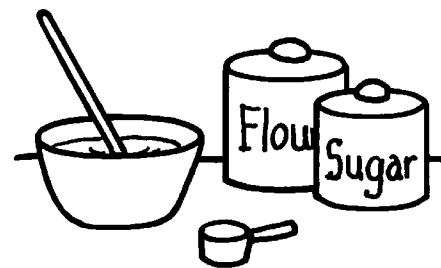
## Remember to Buy...



lemons	jelly
milk	tomatoes
eggs	cereal
lettuce	floor wax
ice cream	peanut butter
bread	soap
yogurt	light bulbs
butter	dressing
cola	juice

1. How many items are on the shopping list? \_\_\_\_\_
2. Which items are good for making sandwiches? \_\_\_\_\_  
\_\_\_\_\_
3. Which items are not for eating? \_\_\_\_\_  
\_\_\_\_\_
4. Which items can you drink? \_\_\_\_\_  
\_\_\_\_\_
5. What 4 dairy products are on the list? \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_
6. Which items are used in salads? \_\_\_\_\_  
\_\_\_\_\_

# What's cooking?



Read the recipe and answer the questions.

## Peanut Butter Cookies

You will need:

- $\frac{1}{2}$  cup peanut butter
- $\frac{1}{2}$  cup sugar
- $\frac{3}{4}$  cup brown sugar
- 1 egg
- 1 teaspoon vanilla extract
- $\frac{1}{2}$  cup shortening
- $\frac{1}{4}$  cup flour

Mix together peanut butter, sugar, brown sugar, egg, vanilla, and shortening in a large bowl. Add the flour to the mixture. Drop spoonfuls of the mixture onto a cookie sheet. Bake for 15 minutes in a  $350^{\circ}$  oven. Makes 16 cookies.

1. What can you make with this recipe? \_\_\_\_\_
2. What do you mix together first? \_\_\_\_\_  
\_\_\_\_\_
3. How much peanut butter do you need? \_\_\_\_\_  
How many eggs? \_\_\_\_\_ How much flour? \_\_\_\_\_
4. What is the last thing you add? \_\_\_\_\_
5. How long do the cookies bake? \_\_\_\_\_
6. How many cookies does this recipe make? \_\_\_\_\_
7. Circle the correct oven temperature for baking the cookies.

$250^{\circ}$

$300^{\circ}$

$350^{\circ}$

$400^{\circ}$

$450^{\circ}$