



# Young Inventors: Louis Braille

At the bottom of the page is the Braille alphabet that Louis Braille invented. Use this code to read the message in the box. Then sign your name using this alphabet.



⠠ ⠠ ⠠ ⠠ ⠠ ⠠ ⠠

⠠ ⠠ ⠠ ⠠ ⠠ ⠠

\_\_\_\_\_

\_\_\_\_\_

Write your name in Braille here.



**a b c d e f g h i j k**

⠁ ⠃ ⠉ ⠇ ⠑ ⠖ ⠒ ⠎ ⠊ ⠕ ⠗

**l m n o p q r s t u v**

⠠ ⠡ ⠢ ⠤ ⠥ ⠦ ⠧ ⠨ ⠩ ⠪ ⠫

**w x y z**

⠠ ⠡ ⠢ ⠤

## Comprehension Response Activities

### FYI for Kids — Level 4



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Name \_\_\_\_\_

## Sammy Lee: Olympic Diver

Write all these words in the right places to complete this puzzle, which tells some things you learned about Sammy Lee. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.

army	coached	dive	doctor	flips
medals	Olympic	sand	swim	1952



When he was a child, Sammy Lee loved to \_\_\_\_\_  
in the pool. One day, he saw a boy \_\_\_\_\_ off the side of  
the pool into the water. He wanted to do that, too, but Sammy didn't have a pool  
that he could practice in. Then Sammy's coach told him to practice diving into a  
pit filled with \_\_\_\_\_. The sand was soft, so he wouldn't  
get hurt. Finally, Sammy found a pool where he could practice diving and doing  
\_\_\_\_\_ in the air.

In college, Sammy studied to become a \_\_\_\_\_.  
Then he joined the \_\_\_\_\_ and fought in the Korean War.  
When his army service ended, he started diving again, and he qualified for the  
\_\_\_\_\_ diving team. In \_\_\_\_\_, he became  
the first man in the world to win two Olympic gold \_\_\_\_\_ in diving.

After Sammy stopped diving in competitions, he \_\_\_\_\_  
young divers. Some of his students also won gold medals.

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## Tall Tales

There are lots of tall tales about Paul Bunyan and Babe, his blue ox. In a tall tale, people make up stories in which everyday things are bigger, funnier, or less scary. Here is a tale in which Paul Bunyan and Babe move the woods in which he is cutting down trees to a warmer state. But the weather in that state is too hot! Use your imagination to complete this tall tale. Remember to think really big!



Paul Bunyan was seven feet tall and so strong he could lift two \_\_\_\_\_  
 \_\_\_\_\_, one with each hand. One winter, when  
 he was logging up north in the state of Minnesota, he woke up and found that the snow  
 was so deep it \_\_\_\_\_. The wind also  
 was blowing so hard it \_\_\_\_\_.

Because it was so cold, the men in the logging camp couldn't go outside to work,  
 so Paul wove a rope 100 miles long and tied it into a lasso. He threw the lasso around  
 the woods and fastened it to Babe's neck. Then Babe pulled the north woods to the  
 south, all the way to the state of \_\_\_\_\_, where  
 it was hot. In fact, it was so hot that \_\_\_\_\_  
 \_\_\_\_\_.

So, that's when Paul Bunyan invented air conditioning.

## What's Out There?

Write all these words in the right places to complete this puzzle, which tells some things you learned about outer space. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.

near	Neptune	outer	rings	Saturn
volcano	water	43	1977	1979



Jupiter, \_\_\_\_\_, Uranus, and Neptune are the planets that are farthest away from Earth, in the \_\_\_\_\_ area of our solar system. Scientists wanted to study these planets, but they didn't have enough money to send separate spacecraft to each one. Instead, they figured out that spacecraft could explore more than one planet when the planets were \_\_\_\_\_ one another.

Voyager 1 and 2 were launched in \_\_\_\_\_. They reached Jupiter two years later, in \_\_\_\_\_. Ten years later, Voyager 2 reached \_\_\_\_\_. Scientists already knew that Saturn had \_\_\_\_\_, but they discovered that Neptune, Uranus, and Jupiter also had rings. They found an active \_\_\_\_\_ on one of Jupiter's moons and an ocean of boiling \_\_\_\_\_ on Uranus! Scientists hope that the Voyagers will continue to explore outer space until 2020, \_\_\_\_\_ years after they were launched in 1977.

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## Pianos: The Loud and the Soft

Write all these words in the right places to complete this puzzle, which tells some things you learned about pianos. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



connected	drums	hammer	hits	one
played	sounds	string	vibrate	88

Have you ever \_\_\_\_\_ a piano? Do you know how the piano makes different \_\_\_\_\_?

If you could look inside a piano, you'd see that the white and black keys are \_\_\_\_\_ to strings. When you press a key, a \_\_\_\_\_ hits the strings. The strings \_\_\_\_\_, or move back and forth, and produce the sounds. Pianos have \_\_\_\_\_ keys, and each one plays a different note. Low notes have just \_\_\_\_\_ string, but high notes have three.

Even though pianos have strings, they are not called \_\_\_\_\_ instruments. Instead, pianos are called percussion instruments. \_\_\_\_\_ and cymbals are percussion instruments, too. Percussion instruments make sounds when someone \_\_\_\_\_ them.



## Painting on the Walls

Write all these words in the right places to complete this puzzle, which tells some things you learned about cave paintings. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



new	hunt	lived	65,000	people
stories	Tennessee	walls	world	archaeologists

Today, people often have paintings on the \_\_\_\_\_ of their homes. Long ago, when people \_\_\_\_\_ in caves, some had paintings on their walls, too.

\_\_\_\_\_, or scientists who study objects from the past, have discovered paintings in caves all over the \_\_\_\_\_. Cave paintings discovered in Australia may have been painted as long as \_\_\_\_\_ years ago.

Paintings found in Spain and France are probably 27,000 years old. Cave paintings have also been found in \_\_\_\_\_, in the United States.

Compared to the paintings found in Europe and Australia, the Tennessee paintings seem quite \_\_\_\_\_. That's because they were only painted about 6,000 years ago!

Archaeologists are not sure why early people painted on cave walls. Many paintings show animals, and the people may have painted them to show a successful \_\_\_\_\_. The paintings also might have been a way of telling \_\_\_\_\_. Even though they aren't sure what the paintings mean, they give us some ideas about how \_\_\_\_\_ lived long ago.

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 Image: Painting of a bison in the cave of Altamira. Image released into public domain by photographer, Ramessos in en:Wikipedia.







# Minding Your Business

Write all these words in the right places to complete this puzzle, which tells some things you learned about entrepreneurs. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



bars	business	candy	chocolate	lemons
entrepreneurs	money	profit	selling	small

In the 1800s, Milton Hershey started a \_\_\_\_\_ that sold \_\_\_\_\_.

His first two businesses sold caramel candy, but they did not make a \_\_\_\_\_, or earn enough money. In his third business, he added \_\_\_\_\_ to the candy. People liked the chocolate, and the Hershey Chocolate Company is still \_\_\_\_\_

different types of chocolate today. It sells chocolate in long pieces called \_\_\_\_\_ and in many other shapes.

A person who starts a small business is called an entrepreneur. A lemonade stand is one kind of \_\_\_\_\_ business. Kids who make and sell the lemonade are \_\_\_\_\_, too. They buy \_\_\_\_\_, sugar, and cups to make the lemonade. If they earn more \_\_\_\_\_ than they spend, they make a profit.



## Raisins: A Sweet Treat

Write all these words in the right places to complete this puzzle, which tells some things you learned about raisins. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



cereal	cookies	eat	favorite	grapes
harvested	fruit	ripe	snack	1.3

Do you like to \_\_\_\_\_ raisins? Raisins are a \_\_\_\_\_ food all over the United States. Do you know what kind of \_\_\_\_\_ is used to make raisins? They are made from \_\_\_\_\_. The grapes grow on vines and are picked when they are \_\_\_\_\_, or ready to eat. After the grapes are \_\_\_\_\_, they are dried.

People eat raisins in many ways. Raisins are baked into \_\_\_\_\_, breads, and muffins. Some people put raisins on their \_\_\_\_\_ in the morning. Some eat raisins by themselves, as a \_\_\_\_\_. In fact, the average person in the United States eats about \_\_\_\_\_ pounds of raisins every year!

## Playing by the Rules

Write all these words in the right places to complete this puzzle, which tells some things you learned about rules and laws. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



fair	follow	laws	penalty	players
raise	rules	safe	time	traffic

Both your parents and your teachers have made \_\_\_\_\_ for you to \_\_\_\_\_, or obey. In school, you may have to \_\_\_\_\_ your hand before you speak. At home, you may have a certain \_\_\_\_\_ you have to go to bed. When you are playing games with your friends, there are rules you have to follow, too. These rules make sure that games are \_\_\_\_\_, and that everyone has a chance to play and win.

Sports also have rules that \_\_\_\_\_ have to follow. The rules in sports help the players stay \_\_\_\_\_. If they break the rules, players may get a \_\_\_\_\_, which is a kind of punishment.

The rules that governments make are called \_\_\_\_\_. Stopping at a red light and speed limits are \_\_\_\_\_ laws that keep people safe while driving. Rules and laws help us live in peace and fairness.

## Garden Homes

Write all these words in the right places to complete this puzzle, which tells some things you learned about insect homes. You can reread the article before you begin, but don't look back at it while you are working. After you've completed the puzzle, read it to someone.



boxes	building	dry	extinct	flowers
beehives	honey	live	rotting	sting

Insects help people in many ways. Some eat other insects that bite or \_\_\_\_\_ us. Some carry pollen between \_\_\_\_\_, which helps new flowers grow.

Many helpful insects are in danger of becoming \_\_\_\_\_, or dying out. Some people are \_\_\_\_\_ homes for these insects that will help keep them alive.

Different insects like to \_\_\_\_\_ in different kinds of environments. Beetles like wet environments, such as damp, \_\_\_\_\_ logs. In contrast, ladybugs use \_\_\_\_\_ twigs to make their homes. Honeybees make their homes in wooden \_\_\_\_\_ that people have built to look like \_\_\_\_\_. Bees live in these hives and make \_\_\_\_\_.