

1

The First Machines

← Read pages 4–5.

1 Write the words.

stone wood bone metal

1 stone

3 _____



2 _____

4 _____

2 Complete the sentences.



1 The axe is made of stone and wood.

2 The knife is made of _____.

3 The lever is made of _____.

4 The plow is made of _____.

5 The arrow is made of _____.

6 The bow is made of _____.



2

Round and Round

← Read pages 6–7.

axle cart clay pot
rollers wheel car

1 Write the words.



1

2

3



4

5

6

2 Match. Then write the sentences.

People used rollers
An axle is a bar
Potters used wheels
The London Eye
Carts and chariots

is a very big wheel.
to move heavy objects.
are vehicles with wheels.
that connects two wheels.
to make clay pots.

1 People used rollers to move heavy objects.

2 _____

3 _____

4 _____

5 _____

3 Write true or false.

- 1 People used the first wheel about 2,000 years ago. false
- 2 People made rollers from tree trunks. _____
- 3 Cars usually have wheels and axles. _____
- 4 The first wheels were made of metal. _____
- 5 The London Eye is 153 meters high. _____

4 Write the words.



1 vehicle



4 _____



2 _____



5 _____



3 _____



6 _____

4

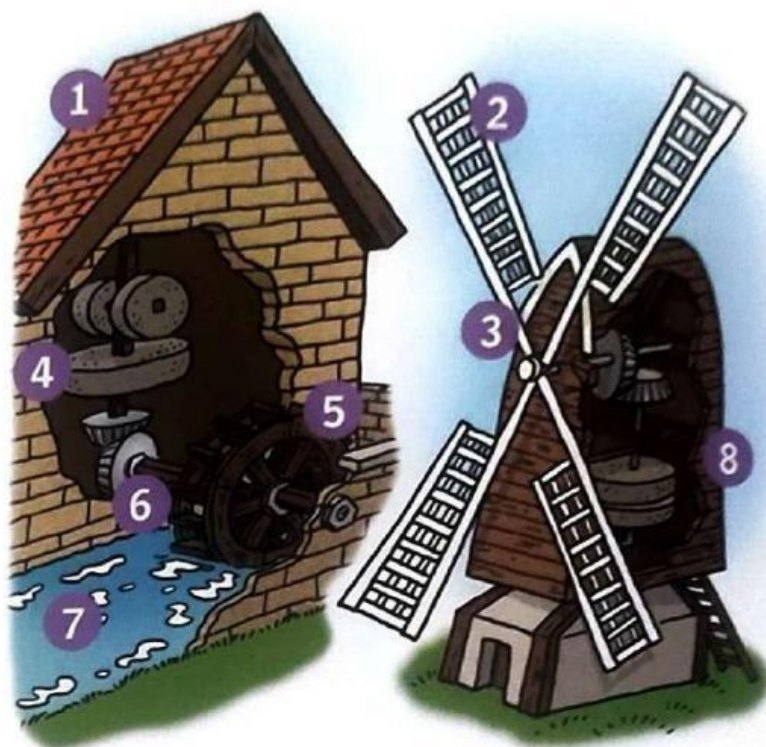
Water and Wind

← Read pages 10–11.

1 Write the words.

arm axle river sail
millstone watermill
wheel windmill

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____



2 Write *true* or *false*.

- 1 People use watermills to make bread. _____
- 2 Windmills only work when it's windy. _____
- 3 Watermills don't use energy from nature. _____
- 4 We can use windmills to produce electricity. _____
- 5 Watermills are useful in places with no rivers. _____
- 6 People used windmills thousands of years ago. _____

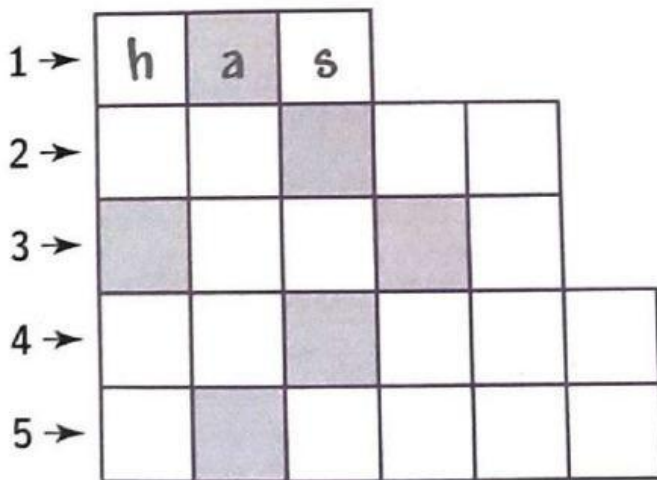
3 Complete the sentences.

arms axle grain flour
sails water wheel wind

- 1 Watermills can make grain into _____.
- 2 Watermills use energy from flowing _____.
- 3 A watermill has a large _____ on the outside.
- 4 The wheel turns an _____ inside the watermill.
- 5 Windmills use energy from the _____.
- 6 A windmill has long arms with big _____.
- 7 The _____ turn when the wind pushes the sails.
- 8 A millstone breaks the _____.

4 Complete the puzzle. Write the secret word.

- 1 A watermill has a wheel. 4 The millstone grinds the grain.
2 A windmill turns when it's windy. 5 The wind fills a windmill's sails.
3 The wheel is on a big axle.



The secret word is:

	a				
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7

Flying Machines

← Read pages 16–17.

1 Write the words.

airship helicopter plane
jet engine propeller
hot-air balloon



1 _____



2 _____



3 _____



4 _____



5 _____



6 _____

2 Match. Then write the sentences.

Hot-air balloons
Helicopters can
Some planes have
Planes didn't

powerful jet engines.
exist 200 years ago.
be useful in emergencies.
are slow and hard to control.

1 _____

2 _____

3 _____

4 _____

9 Computers

← Read pages 20–21.

1 Write the words.

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

cursor joystick keyboard
modem monitor mouse
printer speaker headphones



2 Circle the correct words.

- 1 The first computers were very **big** / small and heavy.
- 2 The *ENIAC* computer weighed 3 / 30 metric tons.
- 3 The *ENIAC* computer was very cheap / expensive.
- 4 From 1960 / 1980 people used home computers.
- 5 The Web / modem was invented in 1989.