

# 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

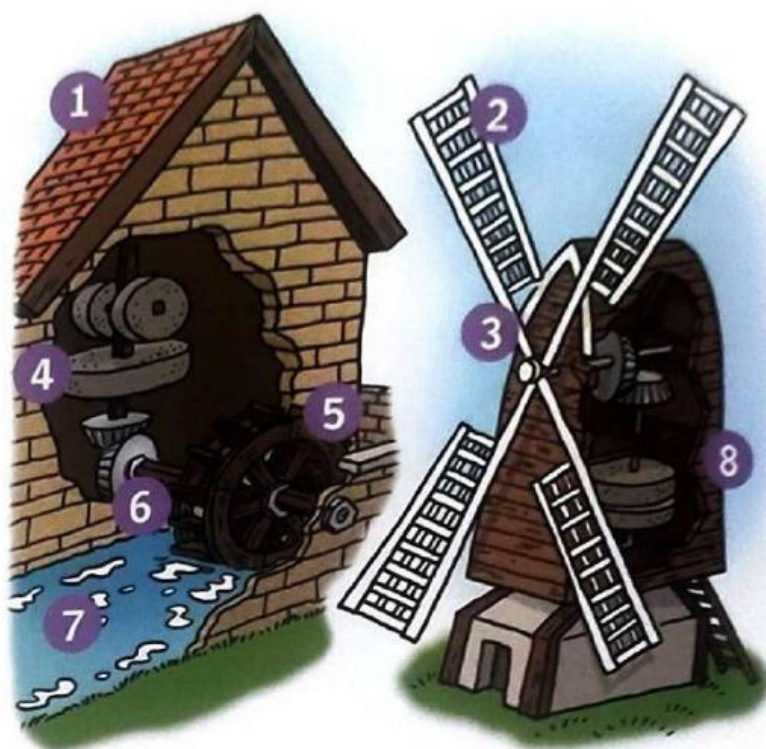
## Water and Wind

← 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. \_\_\_\_\_

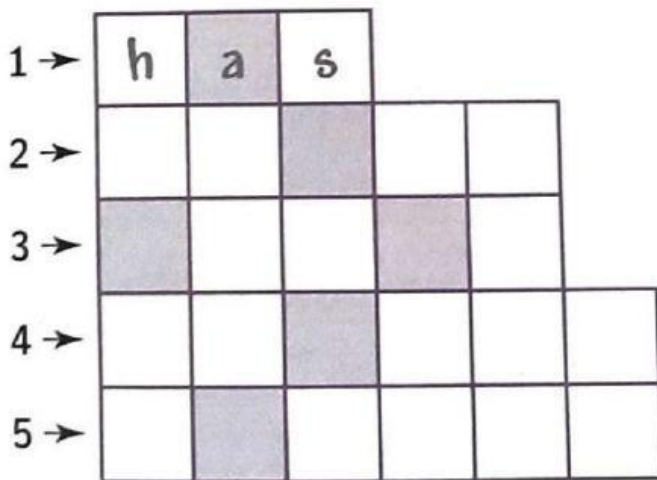
**3 Complete the sentences.**

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    a wheel.                      4 The millstone    the grain.  
2 A windmill    when it's windy.        5 The wind    a windmill's sails.  
3 The wheel    a big axle.



The secret word is:

|  |   |  |  |  |  |
|--|---|--|--|--|--|
|  | a |  |  |  |  |
|--|---|--|--|--|--|

# 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.

cursor joystick keyboard  
modem monitor mouse  
printer speaker headphones

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

9 \_\_\_\_\_



## 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.