

**BIG QUESTION****Why are wheels important?**

Think and write.

What do you know?

Handwriting practice lines for the 'What do you know?' section.

What do you want to know?

Handwriting practice lines for the 'What do you want to know?' section.

UNIT 5**Get Ready****Words****A** Match the words and the pictures or definitions.

1 axle	<input type="radio"/>	a
2 spoke	<input type="radio"/>	b to pull or carry
3 transportation	<input type="radio"/>	c
4 rotate	<input type="radio"/>	d to move or trade places
5 rod	<input type="radio"/>	e
6 rim	<input type="radio"/>	f knowledge used to make things
7 transfer	<input type="radio"/>	g
8 haul	<input type="radio"/>	h the grip of the wheel on the road
9 traction	<input type="radio"/>	i
10 gear	<input type="radio"/>	j to crush and make smaller
11 grind	<input type="radio"/>	k
12 technology	<input type="radio"/>	l to move in a circle

B Circle the correct answer.

- 1 The six metal rods on the inside of the wheel are the _____.
a rims **b** spokes **c** transportation **d** gears
- 2 We need to _____ the wheat to make flour.
a rotate **b** transfer **c** grind **d** haul
- 3 The outside part of a wheel is called the _____.
a spoke **b** rod **c** axle **d** rim
- 4 The wheels _____ on their _____.
a transfer / rods **b** haul / spokes **c** rotate / axles **d** grind / gears

C Write the missing word.

gears grind hauling traction rotate transportation

1



The car lost its _____ when we hit the ice.

2



Cars, bicycles, trains, and buses are kinds of _____.

3



The truck is _____ furniture.

4



A grinding machine is for making flour. The _____ are part of this machine. When they _____, or move around, they move a belt. This makes the machine _____ the flour.

Understand

Comprehension

A Re-read to understand. Re-read each paragraph to answer the questions.

- 1 Re-read the first paragraph. List four uses for bicycles.
- 2 Re-read the second paragraph. How was the first bicycle the same and different from a modern bicycle? Give at least one example of how it was the same, and one example of how it was different.
Same: _____
Different: _____
- 3 Re-read the third paragraph. List three things that were added to bicycles.

- 4 Re-read the fourth paragraph. List four ways that cities have encouraged people to use more bicycles.

- 5 Why is it a good idea for people to use more bicycles?

B What kind of transportation do people use where you live?

C **Words in Context** Fill in the blanks.

platform vehicles durable mill mechanical inspire

- 1 Wheels and gears were used to make many _____ things. One invention using a wheel is a _____ to grind flour.
- 2 Wheels are also used for _____, like bicycles and cars.
- 3 The first bicycle had a wooden _____ to sit on. It was made of very strong, _____ wood.
- 4 Reading about inventions can _____ people to want to invent new things.

