BIG QUESTION 8

What makes things move?

Think about the Big Question. Write.

What do you know?

What do you want to know?

UNIT 15 Get Ready

Words

A Circle the odd one out.

1	push	pull	(rescue)
2	movement	feelings	speed
3	easy	hard	sad
4	push	throw	wait
5	light	high	heavy

B Look at the pictures and write the words.

ground movement heavy ~~push~~

1

push

2

3

4

LIVEWORKSHEETS

C Circle the correct words.

1 When I **push** / **pull** something, I am behind it.

2 The book is on the shelf. There **is** / **isn't** movement.

3 Speed is how fast things **move** / **pull**.

4 It's easy to pull a **light** / **heavy** thing.

5 I throw a ball. My friend doesn't catch it. It falls to the **sunlight** / **ground**.

6 I can push and **pull** / **wait** a chair.

D Complete the story.

easy	push	pushes	movement	heavy	ground	light	~~pulls~~

Johnny and Joey put a lot of snow on their wagon. Joey _____pulls_____ (1)
the wagon and Johnny _____ (2) it, but it doesn't move. There isn't
any _____ (3). The wagon is too _____ (4).

Joey and Johnny have an idea. They _____ (5) a lot of snow off
the wagon. The snow falls to the _____ (6). The wagon is
_____ (7) now, so it's _____ (8) to pull. The boys are happy.

LIVEWORKSHEETS

Read

A **Read the text quickly. Answer the question.**

At the end of class, what does Jimmy know a lot about?

_____

Move This!

Jimmy and his class are learning about forces. Ms. Jenkins has two boxes. One is small and has clothes in it; the other is big and has books in it. Ms. Jenkins calls Jimmy to the front.

"Push the small box, Jimmy," says Ms. Jenkins. Jimmy pushes the box.
"It's easy to push," he says.

"Now push the big box, Jimmy," says Ms. Jenkins. Jimmy pushes the box.
"It's hard to push," he says.

"Yes, you're right, Jimmy. The small box is lighter than the big box. We need a small force to move light things, and a big force to move heavy things."

Think

The box is easy to push. The box is light. Which is the cause? Which is the effect?

"Now, Jimmy, push the heavy box with a small force. Good. Now push it with a big force. Which force makes the box move faster, the small force or the big force?"

"The big force. The big force makes the box go further, too."

Think

The box goes fast. Jimmy pushes with a big force. Which is the cause? Which is the effect?

LIVEWORKSHEETS

Comprehension

A **What part of the text do you like? Check (✓).**

Jimmy ☐ Ms. Jenkins ☐ Pushing the boxes ☐

B **Complete the chart.**

Cause	Effect
1 A light thing …	… needs _____ to move it.
2 A _____ thing …	… needs a big force to move it.
3 A _____ force …	… makes the box go fast and far.

C **Circle *True* or *False*.**

1 Jimmy is in English class. True **False**

2 Ms. Jenkins is teaching the class about forces. True False

3 Ms. Jenkins uses many boxes. True False

4 The small box is easy to push. True False

5 The big box is easy to push. True False

D **Read and answer the questions.**

Jimmy pushes a light and a heavy box.

1 Which box needs a bigger force to move it? _____

2 Which box is easier to push? _____

Jimmy pushes the heavy box with a small force, then a big force.

3 Which force makes the box go further? _____

4 Which force doesn't make the box go fast? _____

LIVEWORKSHEETS

Grammar in Use

A Study the grammar.

Learn **Comparatives**

fast	fast**er than**
tall	tall**er than**
nice	nice**r than**

heavy	heav**ier than**
easy	eas**ier than**
big	big**ger**

B Write the comparatives.

1 fast _____
2 slow _____
3 small _____
4 big _____
5 light _____
6 heavy _____

C Circle the correct words.

1 An elephant is **smaller** / **bigger** than a rabbit.
2 Trains aren't **slower** / **faster** than bicycles.
3 A desk isn't **heavier** / **lighter** than a book.
4 A ruler is usually **shorter** / **longer** than a pencil.

D Write sentences.

1 A cat / not small / a mouse
A cat isn't smaller than a mouse.
2 Paper / light / wood
_____
3 A bush / short / a tree
_____
4 A liquid / not light / a gas
_____

LIVEWORKSHEETS

E Look at the pictures and write sentences.

1

the white car / big / the black car

The white car isn't bigger than the black car.

2

a horse / heavy / a goat

3

the boys / short / the girls

4

a honeybee / small / a hummingbird

5

the ruler / long / the pencil case

6

an airplane / fast / a train

F Answer the questions.

1 Are you taller than your friend?

2 Is your pen longer than your pencil?

3 What is bigger than your backpack?

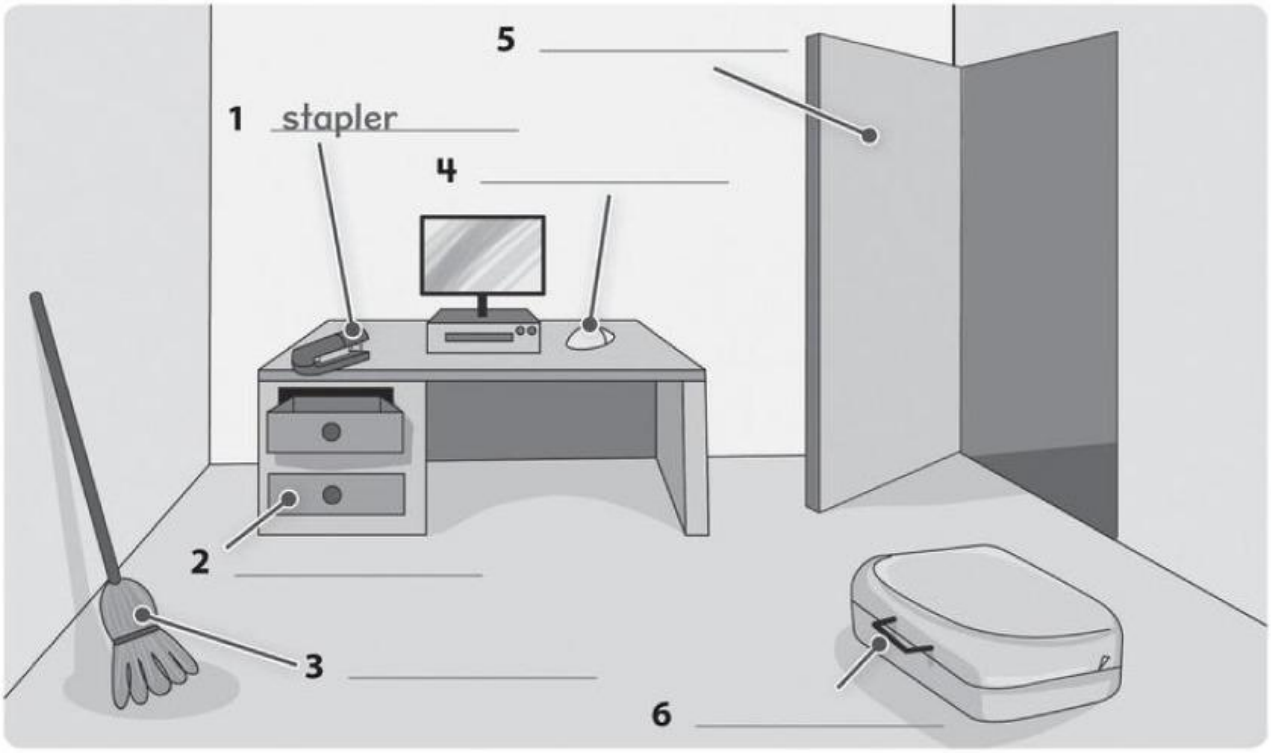
4 What is lighter than your book?

LIVEWORKSHEETS

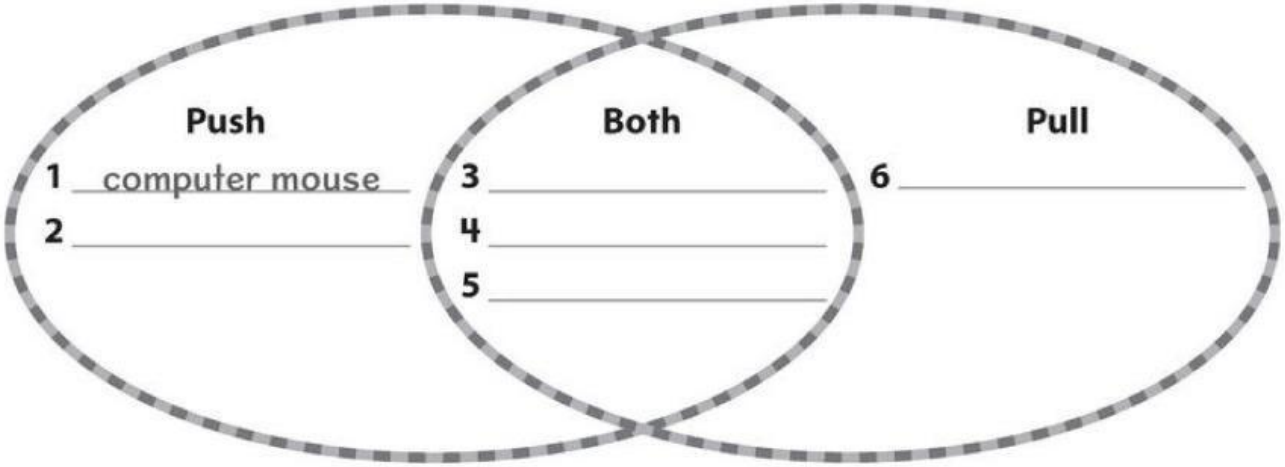
Words

A Look at the picture and write the words.

computer mouse broom stapler door desk drawer suitcase



B Write the words from **A**.



LIVEWORKSHEETS

Word Study

A **Match the opposites.**

1	fast	**a**	big
2	dirty	**b**	cool
3	small	**c**	plain
4	polite	**d**	slow
5	warm	**e**	rude
6	fancy	**f**	sad
7	loud	**g**	clean
8	happy	**h**	soft

Writing

A **Read what Ahmed wrote about something he pushes and something he pulls.**

I push my little sister on the swing at the park. She likes to swing high. I pull the oven door open when I bake cookies with my mother.

B **Answer the questions about something you push and something you pull.**

1 What do you push? _____

2 Why? _____

3 What do you pull? _____

4 Why? _____

C **Now write about those things.**

_____

_____

_____

LIVEWORKSHEETS