

Activity 5A The Moving Truck



Skills:

Predict what will happen, explain an enquiry and whether what I found matched my predictions, describe how science explains how objects work, find a simple pattern in results

Material:

Toy truck

Method

- 1 Get a toy truck.
- 2 Place the toy truck on the floor.



- 3 What can you do to make the truck move?

push or pull

- 6 Circle the correct answers.

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- a Predict what will happen if you push the toy truck harder.

It will move (**faster** / slower).

- b Push the toy truck harder. What pattern can you see?

The harder I push the toy truck, the (**faster** / slower) it moves.

This is an example of (a decreasing / **an increasing**) pattern.

Group 1	Group 2
I can change the shape of these objects easily.	I cannot change the shape of these objects easily.
inflated balloon modelling clay slice of bread sock soft toy	chair metal spoon pencil

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- 3 Everyone uses science. When you are helping your parents bake, you are using force.
What will happen to a ball of dough when you press on it?

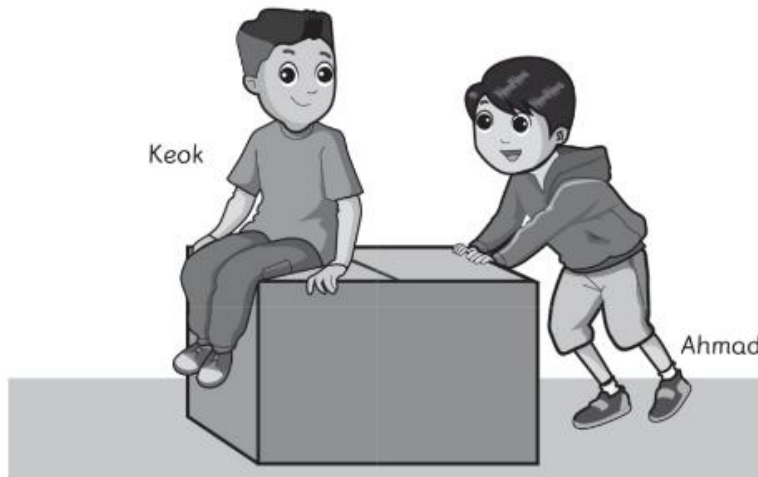
It will become Flat.

It Changes in shape.

Let's Review

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1 Ahmad pushes a box. Keok sits on the box.



How can the box move faster? Circle the **two** correct answers.

Ahmad should push harder

Ahmad and Keok should sit on the box

Keok should get off the box

2 Complete the sentences. Use the following words.

direction faster harder

a We can speed up a moving object if we pull the object harder.

b When a cricket player uses his bat to hit a ball, the ball will move faster. The ball will also move in a different direction.

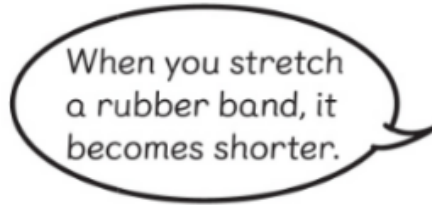
3 Three students are talking about forces.

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Ahmad

When you twist a plastic straw, its shape changes.



Suresh

When you stretch a rubber band, it becomes shorter.



Yue

When you push a cart, it changes speed.

Only **two** students are correct.

Circle the names of the students who are correct.

Ahmad

Suresh

Yue

4 What will a ball of dough look like when you press on it?

Circle **two** words that will describe it.

flatter

smaller

twisted

wider