

## 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.

- 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.

**Activity Book  
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**P.49**

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

**Activity Book  
p.50**

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?

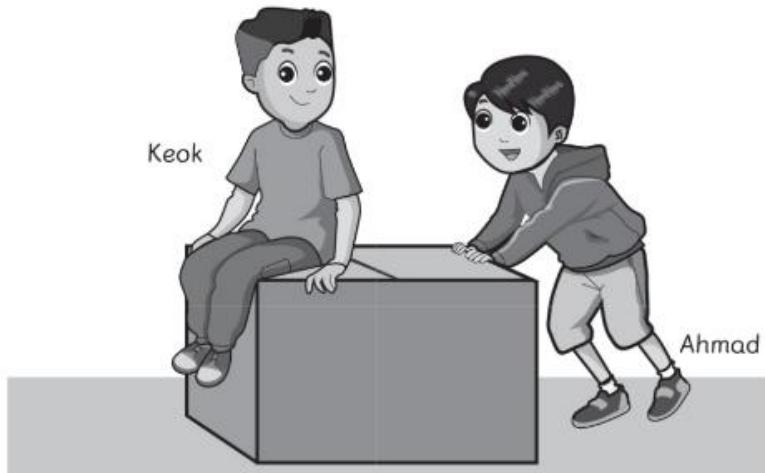
**It will become Flat.**

**It Changes in shape.**

## Let's Review

p.53

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 stretch a rubber band, it becomes shorter.



Suresh

When you twist a plastic straw, its shape changes.



Yue

When you push a cart, it changes speed.

Only **two** students 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**