

Numeracy: Position and Direction - Building Understanding

Lesson 4: Exploring position and direction of different objects

Lesson 4 of 4

Simon



What are we going to learn today?

To explore the relative position and direction of objects.

To respond to key vocabulary associated with position and direction.

To experience the application of key vocabulary within an exploratory activity.

Key Vocabulary

sculpture

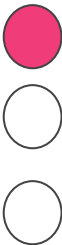
on

top

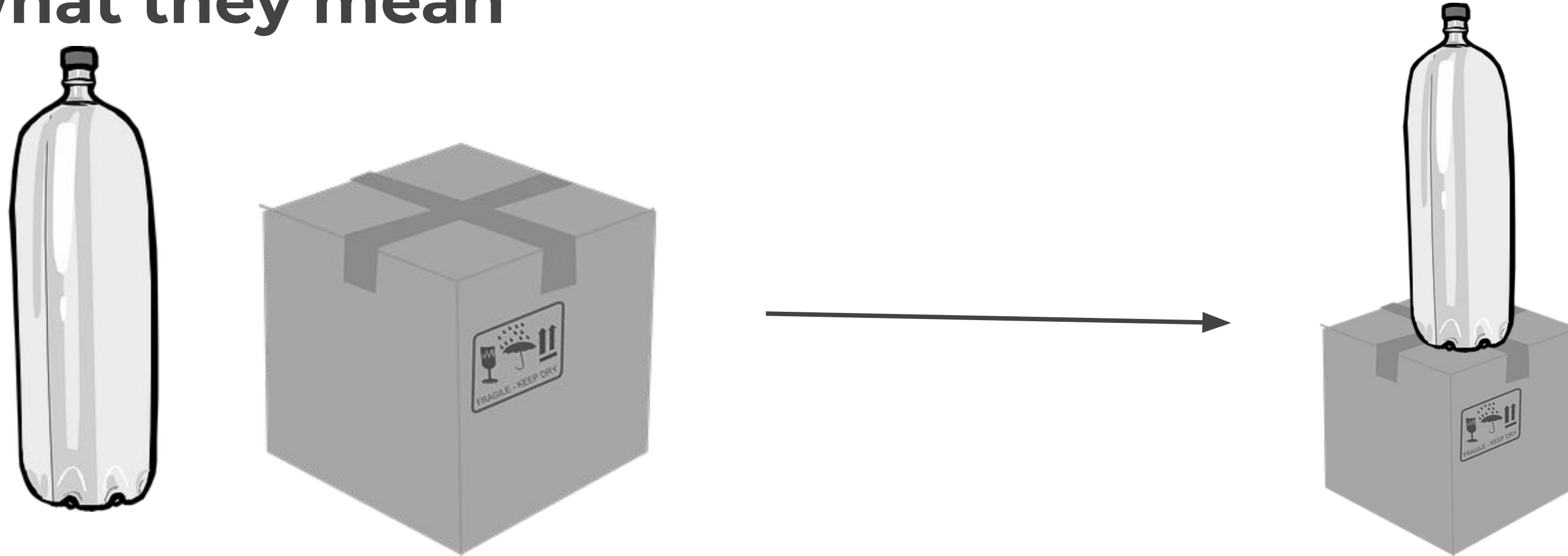
middle

bottom

size



Let's look at some of the key words and what they mean



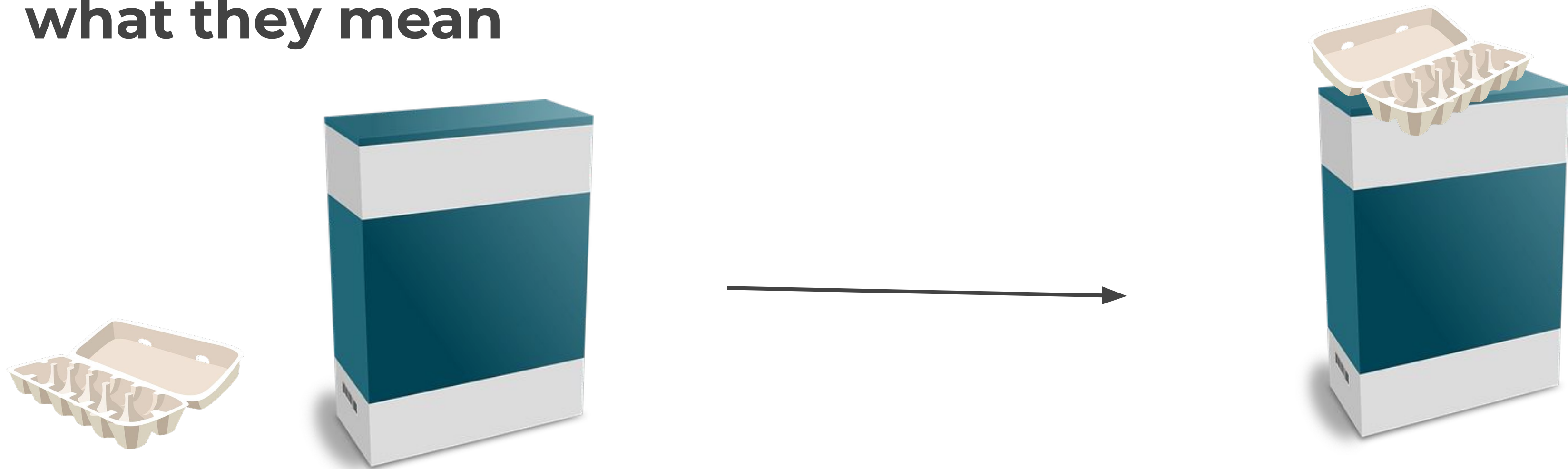
I want to put the bottle **on** the box. The bottle is **on** the box.

Put one of your items **on** another one.

Images from Pixabay



Let's look at some of the key words and what they mean



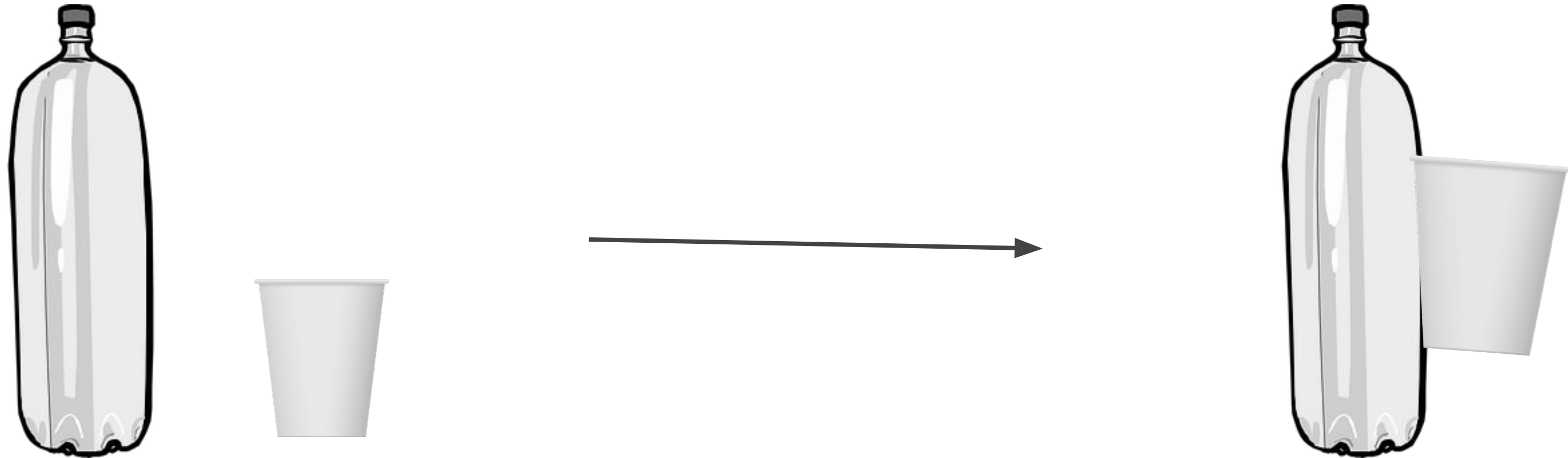
I want to put the egg box **on top** of the box. The egg box is **on top**.

Put one of your items **on top** of another one.

Images from Pixabay



Let's look at some of the key words and what they mean



I want to put the cup on the **side** of the bottle. The cup is on the **side**.

Put one of your items on the **side** of another one.

Images from Pixabay

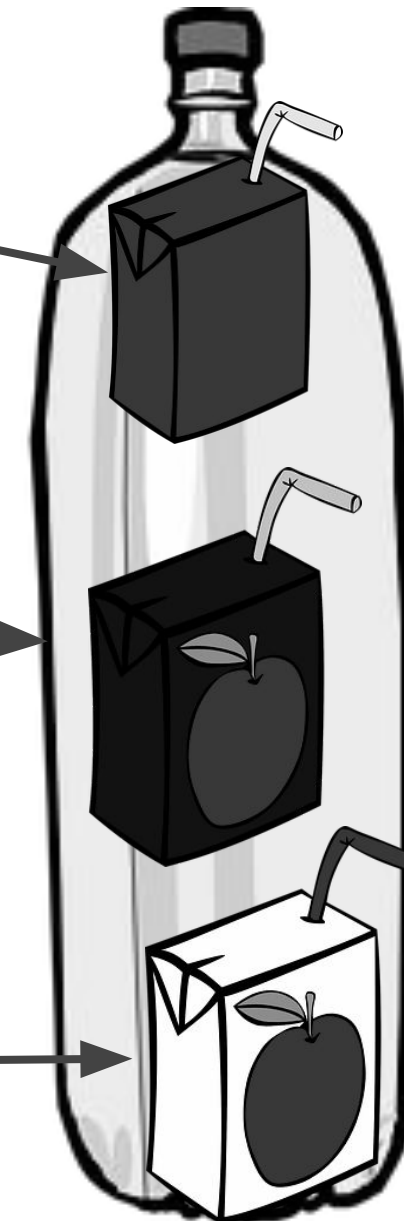


Let's look at some of the key words and what they mean

This juice box is **at the top** of the bottle.

This juice box is **in the middle**.

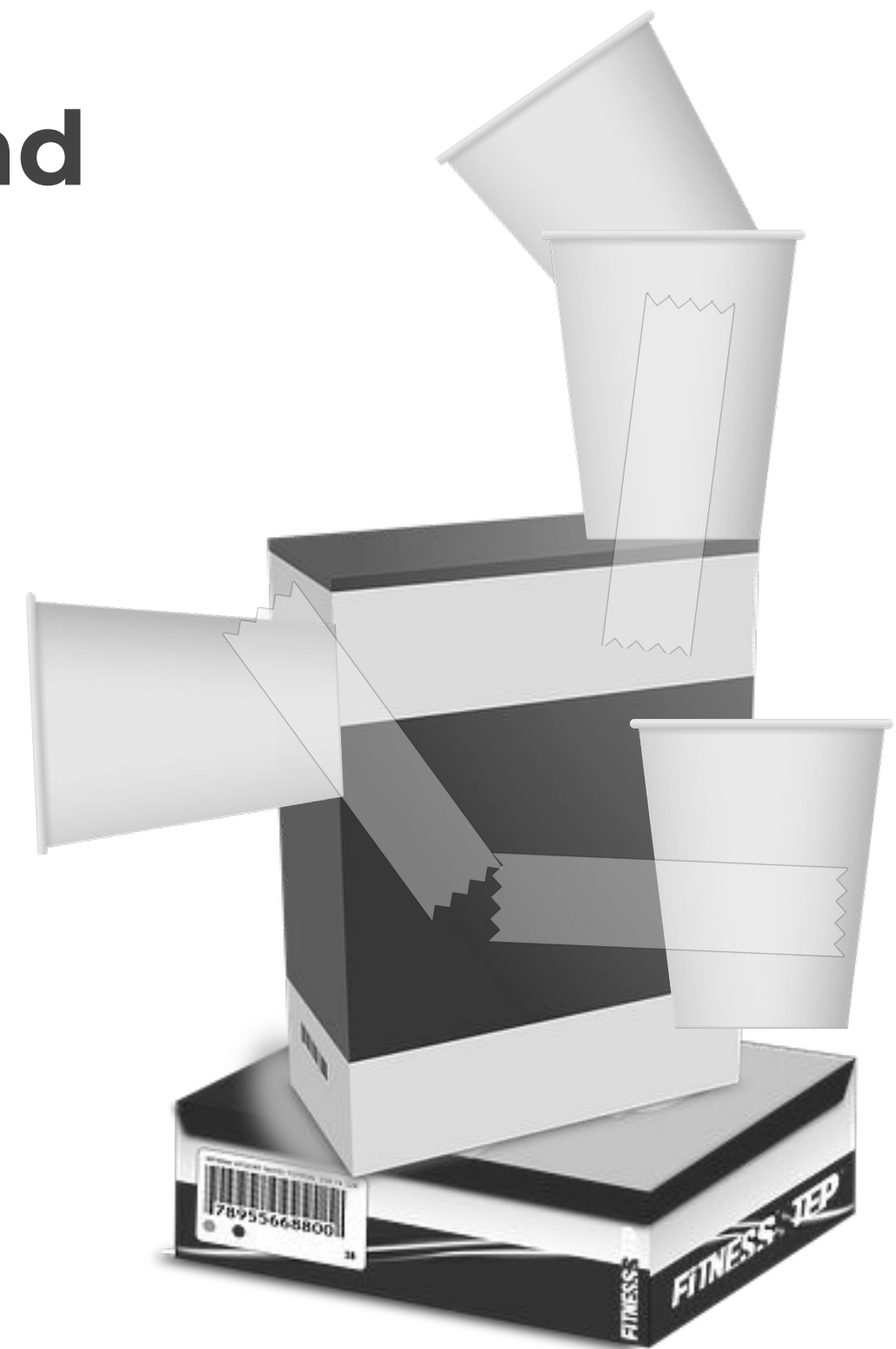
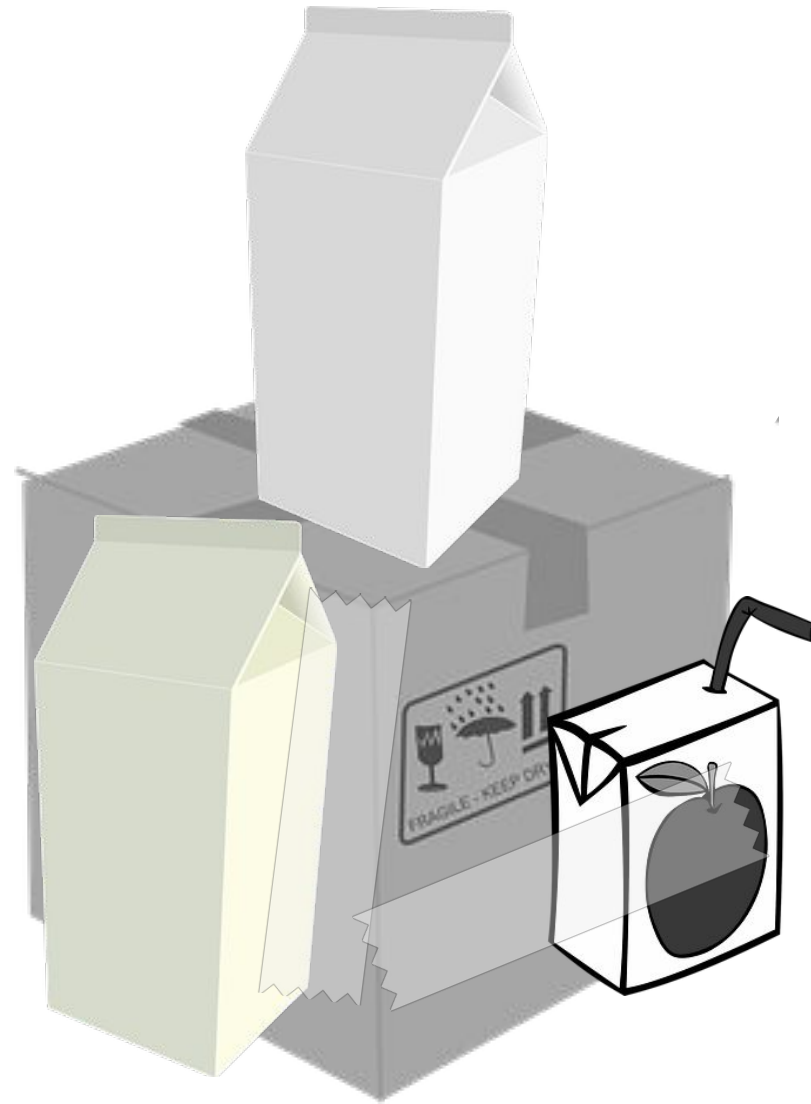
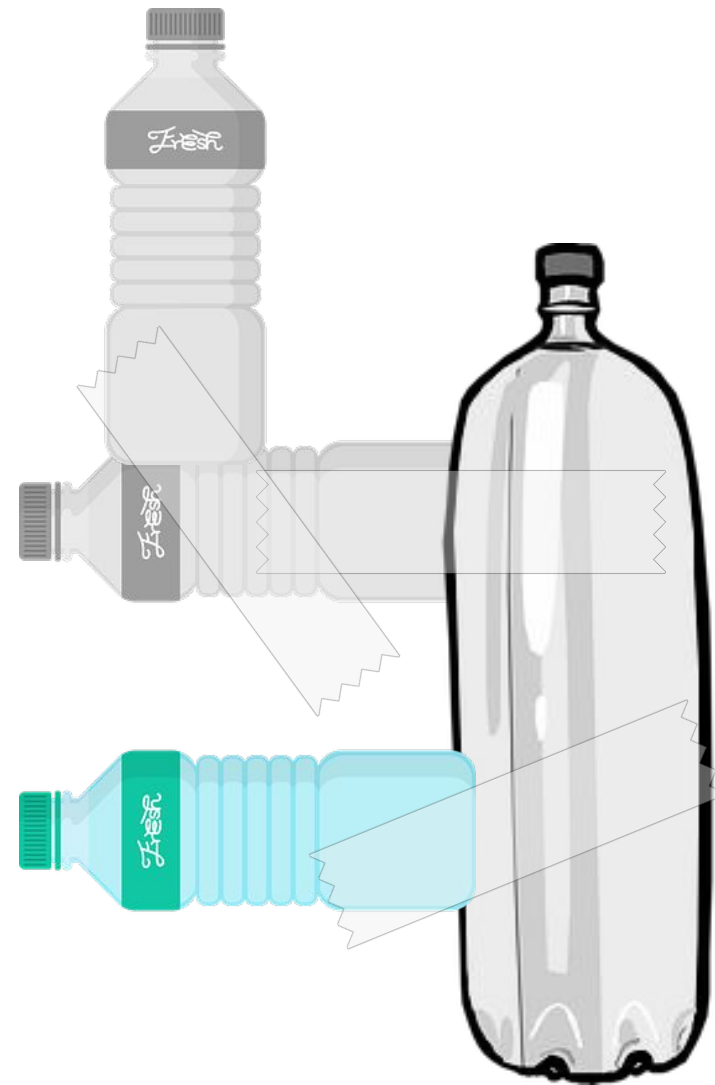
This juice box is **at the bottom**.



Images from Pixabay



It is your turn. Take the items you have and construct some sculptures.



Images from Pixabay



Task - Experiment with position and direction by making some sculptures

Instruction

Use your own objects as well as glue or tape to construct some sculptures. It could look like something or be abstract.

Suggestions

A parent or carer may model the language associated with position. For example, 'you have put the cup **on top** of the box.'

A parent or carer may ask you questions about where things are.



I have followed these instructions

Put the bottle **on** the box.

Put the carton **on top** of the bottle.

Put the cups **on the side** of the carton.



Images from Pixabay



Task - Following instructions about position and direction

Instruction

Your parent or carer will choose an item and tell you where to put it. You need to listen carefully to the instruction and try to follow it.

Suggestions

You could watch an adult do it first as they say the instruction 'on top' or 'side', for example. Then you could copy.

You could then try to follow the instruction more independently.



Unit 5 Lesson 2: Exploring position and direction of different objects

Make it easier

Focus on stacking and the key vocabulary of 'on top', repeating as each item is stacked on top of the next. Use familiar stacking toys such as lego or duplo.

Make it harder

Describe a sculpture that a parent or carer should make. Be clear as you give them instructions so that the sculpture looks just as you imagined.

Other ideas

While you are on a walk, you could use natural materials and experiment with position and direction as you arrange them in a pattern or sculpture.

