



## What's going on this week?

The Coca-Cola company is testing a new paper bottle as part of a long-term strategy to remove plastic from its packaging. The sample bottle is made by a Danish company from an extra-strong paper shell that still contains a thin plastic liner. The overall ambition is to create a 100% recyclable, plastic-free bottle capable of preventing gas escaping from carbonated drinks.

### Main question:

#### Should we choose products based on their packaging?

##### Listen, think, share

- Look at this week's poster and talk about what we can see. Explain that Coca-Cola are testing a new bottle for their drinks – made from paper! Their goal is to produce a bottle that is 100% recyclable. Watch the useful video about the new paper bottle design (link found overleaf). Do we think the design is a good idea?
- Read through the information found on the assembly resource about the new paper packaging design by Coca-Cola. Share your thoughts. Do you think more packaging needs to change to become more environmentally friendly?
- Thinking about when we buy drinks on the go, what are the containers made from? Why do you think they are made of the materials they are? When we are buying or choosing items from a shop – do we often think about the packaging? Does it influence the choice we make?
- If a glass bottle, a plastic bottle and a paper bottle of your favourite drink were all on a shelf and priced the same – which would you choose and why?
- Talk about our own experiences of packaging. What do we think is the main reason for packaging? Have we ever experienced an item that had too much packaging? What was it? Or a time when there wasn't enough packaging, what were the consequences? How important is it to you for packaging to be recyclable? Have you ever chosen a product just because of its packaging?

##### Reflection

As we become more aware of the impact modern life has on our world, we may decide to choose products and packaging that are sustainable and help to protect, not damage the environment.



## KS1 Focus

### Question:

#### What is packaging?

##### Listen, think, share

- Write the word 'packaging'. Do you know what packaging is?
- Explain that many items we buy use packaging to wrap or protect them. Can you think of anything you have bought which has been wrapped in something? What was the item and what was it wrapped in?
- Look at resource 1, which shares examples of some packaging. What other places have you seen packaging?
- Have you ever received something in the post? What was the packaging like? Was there a lot of packaging? Why?
- Make a list of the different materials that might be used for the packaging e.g. plastic, paper, cardboard, tin, glass.
- Think about what happens to the packaging once you have finished with it. Do you throw it away? Recycle it? Reuse it? Something else? Does the material the packaging is made from affect what you do with it afterwards?
- Some of the packaging used is designed to be eye-catching and make you want to buy it. Can you think of any packaging you really like? Perhaps a toy or item of food. Why do you like the packaging?

##### Reflection

Packaging is the materials used to wrap or protect items. Packaging can be made from many different materials and some can even be designed to look good.



## KS2 Focus

### Question:

#### Why do we need packaging?

##### Listen, think, share

- Create a list of different types of packaging e.g. food packaging, parcel packaging, packaging used for takeaways, toy packaging.
- For each item on your list, consider why the packaging might be needed.
- Look at resource 2, which explores why we need and use packaging. Can you think of any other examples of packaging? Why has it been used?
- Explain that packaging has many different purposes. Packaging usually holds an item but it might also be used to protect it, transport it, advertise/persuade people to buy it, prolong its shelf life, make it easier to use the item, give important information. Can you add any other reasons?
- Discuss how each item of packaging on resource 2 has been designed to suit its purpose e.g. the toothpaste tube makes squeezing toothpaste out easier. Can you explore other packaging and how they are suited to their purpose?
- Some shops provide a service where you can take your own refillable packaging to get your food items. What do you think about this? Would you prefer to buy food this way? What are the pros and cons?
- Discuss the materials used to package items and what happens to it once you have finished with it.

##### Reflection

There are many reasons why we need and use packaging. Packaging can be very useful, but it is important we consider if it is necessary and what happens to it if it is no longer needed.



## KS2 Follow-up Ideas

**Option 1:** Think about the shapes some items are packaged in. What shape is used to package the following:

- Pringles
- Toblerone
- Cereal

Explain that these are all 3D shapes. When we open out a 3D shape flat, we call this a net.

- Can you open out a cereal packet (cuboid) and look at its net?
- Is it possible for the cereal packet to have a different net?

Create the net of a cube. Find as many different ways of creating a cube as possible.

**Option 2:** Have a look at some items in your home or at school that use packaging. Use them to inspire your own package design. Think about:

- What product will your packaging contain?
- What is the purpose of the packaging?
- What shape will it be?
- What materials will you use? Will you consider the environment when you make your choice?
- What information will you include on it?
- What colours, patterns will you use?

Draw a picture of your design and label it. If possible, make your packaging!



## KS1 Follow-up Ideas

**Option 1:** Look at this week's poster.

- What drinks can you see?
- What are the drinks packaged in?

Think about your favourite drink or if possible, have some of it in front of you. What is it and why do you like it? Can you describe it? Think about:

- What does it look like?
- What does it smell like?
- What does it taste like?
- Does it use packaging? If so, what material does it use?

Use words, pictures and sentences to describe your favourite drink.

**Option 2:** Make a collection of packaging that has been used in your home or at school.

- What material has been used for each?
- How many different ways can you find to sort the packaging? E.g. the material used, what the packaging was used for, its colour, its shape etc.
- Which packaging do you think could be recycled?
- Can any of the packaging be reused?
- What might you be able to make using the packaging?

Explore further by using some of the packaging for a junk modelling project.



## This Week's Useful Websites

[This week's news story](#)

[www.bbc.co.uk/news/technology-56023723](http://www.bbc.co.uk/news/technology-56023723)

## This Week's Useful Videos

[The new paper bottle design](#)

<https://youtu.be/3xmZQFL-Wmk>

## This Week's Virtual Assembly

[www.picture-news.co.uk/discuss](http://www.picture-news.co.uk/discuss)

## This Week's Useful Vocabulary

**Ambition** – the desire and determination to achieve something.

**Capable** – having the necessary qualities to do a particular thing well.

**Influence** – the power to have an effect on someone's behaviour, character or opinion.

**Prevent** – keep something from happening.

**Strategy** – a plan of action designed to achieve a long-term or overall aim.

**Sustainable** – causing little or no damage to the environment and therefore able to continue for a long time.