

## LEVEL 1 – INSPIRE



### What to expect from Level 1 – Inspire

During this level, children will learn about where our plastic products come from, different types of plastic and why it's so important to become Plastic Clever!

You'll take part in a litter pick to find out how plastic pollution is impacting your local environment as well as creating a space to help your whole school get engaged and up to date on your Plastic Clever journey.

You'll also share your journey and mission with the Plastic Clever Schools using your unique portal.

### Lesson Outline

#### Lesson 1 – Inspire and Engage

In this lesson, children will be introduced to Kids Against Plastic and the Plastic Clever Schools initiative. The aim of this session is to inspire children to make change by sharing information with them regarding plastic waste and how it is damaging our environment.

#### Lesson 2 – The Different Types of Plastics

In this lesson, children will be introduced to the seven different types of plastics. They will learn to recognise which plastics a product is made from and how to identify them using the plastic labels. As part of this lesson, they will also take part in a litter pick and record their findings with Plastic Clever Schools.

#### Lesson 3 – The Journey of Single-Use Plastics

In this lesson, children will learn all about how plastic is made, using crude oil, and will be introduced to the journey of single-use plastics from production to our waterways. They will also develop their knowledge of how plastic pollutes our environment.

#### Lesson 4 – Is Plastic Fantastic?

In this lesson, children will be introduced to the different categories that single-use plastic call fall in to (essential, avoidable & hard-to-replace). They will explore the pros and cons for plastic and will begin to understand that there are alternatives to using 'avoidable' plastics to reduce the impact on our environment.

# LEVEL 1 – INSPIRE



## Lesson 1 – Inspire and Engage

### Lesson input

Possible WOW starter – cover the classroom floor in plastic waste (clean) and share images of how plastic is damaging the environment (images on PowerPoint).

Introduce the Plastic Clever Schools initiative to the class and explain how they have an important role in this movement. Visit the website and watch the video introducing Amy & Ella and Kids Against Plastic. <https://youtu.be/yFyObLGOFW8>

The aim of the Plastic Clever Schools is to help schools **meet** SMASH the Government's 2022 plastic target, if not by the end of December 2021, then as is realistically possible after.

Discuss what the children already know about plastic and gauge their understanding of plastic and its impact on the environment.

Watch David Attenborough's plastic message  
<https://www.youtube.com/watch?app=desktop&v=IW3jEIYBFzg&feature=youtu.be>

Read Amy and Ella's diary extract about 'Artivism' to introduce the activity.

### Activity

Create a Monster of the Ocean or Monster of the Land using a range of used plastics.

If possible, photograph the monster in a natural environment e.g. beach, woods, school grounds etc. and share it with us using your Plastic Clever Schools profile.

Encourage children to discuss where they might find the used plastics in the environment and how they can make a change.

### Resources

- Plastic waste
- Images of the damage caused by plastic (PowerPoint available)
- Diary extract about 'artivism' from Be Plastic Clever Book

### Book recommendations

- What a Waste – Jess French
- Clean Up – Nathan Bryon & Dapo Adeola

## Lesson 2 – The different types of plastic

### Lesson input

Share a range of different plastic objects / containers with the class.

- What can you tell me about these plastic objects?
- What is the same / different?
- Is all plastic the same?

Introduce the different types of plastic (PowerPoint available). Plastic is not just one product as it can come in many different forms. These different types of plastics are useful in different ways.

Share the label images with the children and invite them to sort the plastic objects in to the correct groups. Photos available to download if you are unable to get real objects.

Play the Plastic Quiz with the class, using whiteboards, encouraging them to think about which group each plastic belongs to. Discuss whether each item can be easily recycled or not as you go through the images (children could show this on their whiteboards using one of the three face symbols 😊 shown in the PowerPoint).

### Activity

Arrange a litter pick in the local area and discuss the different types of plastic they see littered on the floor as they pick litter. Children could work in pairs (one collecting litter and the other recording what they find using the record sheet).

Share your evidence with KAP and log your litter pick using the KAP app (scan the QR code below).



Homework suggestion:

Children can make a list of the items they find around their homes that are made of plastic. Can they find an example of each type of plastic?

### Resources

- Plastic objects
- Different types of plastic PowerPoint
- Plastic label images
- Plastic images for activity
- Types of plastic info page
- Amy & Ella's Guide to litter picking
- Litter picking record sheet

### Book recommendations

- A planet Full of Plastic – Neal Layton

## Lesson 3 – The journey of Single-Use Plastics

### Lesson input

Show children a range of plastic bottles and discuss the questions below (alternatively use the images available on the PowerPoint)

- Where do plastic bottles come from?
- What are they made from?
- How are they made?
- What happens to them when they are no longer needed?

Watch the video all about how plastic bottles are made.

<https://www.youtube.com/watch?app=desktop&v=aXQ5iJ5lagg>

Using the Life Cycle of a Plastic Bottle sheet / page on the PowerPoint, discuss the journey of a plastic bottle and what happens if we don't recycle plastic.

Play the TRUE of FALSE quiz – children are to put their thumbs up if they think that the statement is true and thumbs down if they think that it is false.

### Activity Suggestions

- Create a story map or story board to show the journey of a plastic bottles from being made to the landfill/ocean.
- Write in role as a plastic bottle to explain how plastic bottles are made and the journey they can go on to the landfills and ocean.
- Create a poster advertising how plastic bottles are made and what we can do to prevent them from entering our waterways.

### Resources

- The Life Cycle of a Plastic Bottle Sheet
- From Land to Sea Sheet

### Book recommendations

- The Tale of a Toothbrush – M G Leonard
- The Adventures of a Plastic Bottle – Alison Inches
- A planet Full of Plastic – Neal Layton
- Someone Swallowed Stanley – Sarah Roberts
- The Life of a Little Plastic Bottle - Igloobooks

### Lesson 4 – Is plastic fantastic?

#### Lesson input

Share the images found on the PowerPoint with the children and ask the questions below.

- What do you notice about these plastic products?
- What do they have in common?
- How are they different?
- Do we need to use all of these plastics?

Introduce the three different categories within single-use plastics (essential, avoidable and hard-to-replace).

Discuss what the children know about plastics. How is plastic sometimes useful? Why is plastic bad for the environment?

Play the pro/con game using the PowerPoint and discuss which statements are pros or cons for plastic and why.

#### Activity

In groups or pairs, children are to discuss / write down the pros and cons of plastic to prepare for a debate at the end of the session.

(Younger children can sort the facts provided which can be edited to suit your class)

Split the class in to two groups (pros and cons) and facilitate a debate within the classroom.

Summarise the debate at the end of the session, outlining the need for certain plastics but highlighting that a lot of plastic are single-use and non-essential. Encourage the children to think about what they could do to reduce these plastics within our environment.

#### Resources

- Pros and cons of plastic
- Different types of single-use plastics sheet

#### Book recommendations