



*Be all you can be*  
Hayes School



Responsibility Success **Aspirations** Resilience Discovery Friendship





# Be all you can be

## Hayes School

At Hayes, we strive for our children to push beyond any perceived idea of potential, to be all they can be, regardless of background. Our vision is for all of our children to leave us as good human beings—happy, kind and responsible. Our curriculum is integral in shaping the children to become independent and life-long learners. Our curriculum aims to equip our children with the ability to ‘think’ in order to make sense of an ever-changing world. The breadth our curriculum provides is underpinned by thinking. This thinking will allow our children to make sense of the world around them and before them in order that they can live fulfilling and happy lives, being all they can be.



## Learning Experience Context and Outcome

This learning experience should allow children to realise they can make purposeful and impactful changes to the daily lives of the local community by reducing their use of single-use plastics.



The background of the slide is a photograph of a polluted river. On the left, a concrete wall and some greenery are visible. The river is filled with a large amount of plastic waste, including bottles, bags, and other debris. On the right, there is a pile of more plastic waste, including a blue bottle and some orange and pink items. The water is murky and brown.

# Curriculum Questions

## BIG Question

Can we make a long-lasting change in how our community feels about plastic?

## Geography Questions

What is energy?

Where do humans get their energy from?

How does food get from the field to the table?

What are the impacts on the planet from human food and energy distribution?

## Design and Technology Questions

Which materials are most suitable for carrying grocery products?

How can we make a bag product appealing for purchase?

How can we change the shape of a wooden block for use in printing?

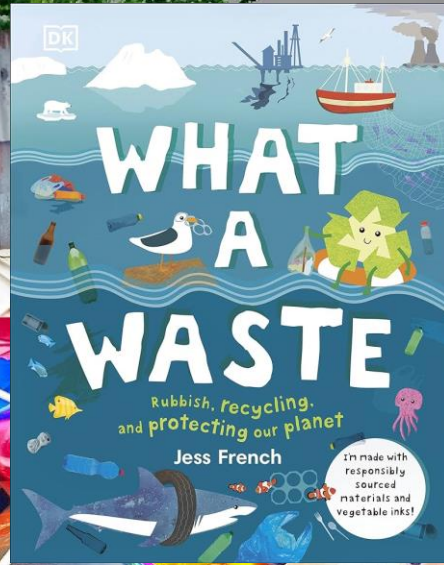


# English- Texts

## Main text:

### What a waste

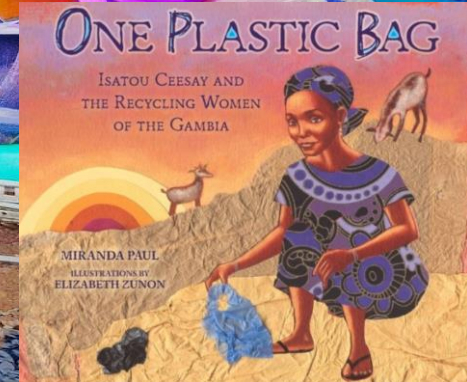
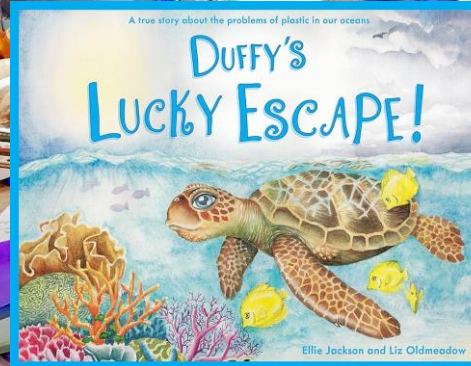
What a Waste reveals extraordinary facts about the waste we produce and its impact on us and our planet: 91% of all plastic ever created has not been recycled. This will help us to find facts to use in our own writing.



## Supporting texts:

**One Plastic Bag - Isatou Ceesay**

**Duffy's Lucky Escape - Ellie Jackson**





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Year 4: Spring 1, 2024

### ENGLISH

In English, we will be reading and analysing the story *One Plastic Bag* by Isatou Ceesay. We will use this story along with *Duffy's luck escape* by Ellie Jackson to help inspire us to write our own narratives about plastic pollution in the environment.

We will also use the book *What a Waste* as a main text to research and record facts about the problem with pollution and use this to create a piece of persuasive writing..

### MATHS

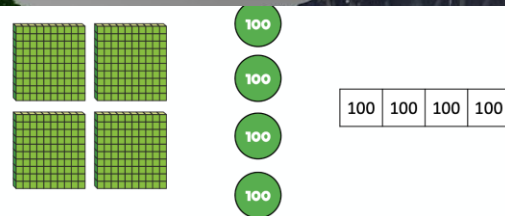
After consolidating our knowledge of multiplying one-digit numbers, we are moving to multiplying and dividing two and three-digit numbers by a one-digit number. We are going to use both informal (partitioning) and formal (column) methods to solve problems. Later in this half-term, we will move on to learning about measurements and will practice to convert metres into kilometers and vice versa. We will also focus on learning how to find a perimeter of a 2-D shape.

Please keep practising Times Tables on TTRS to prepare for the test later in the year.

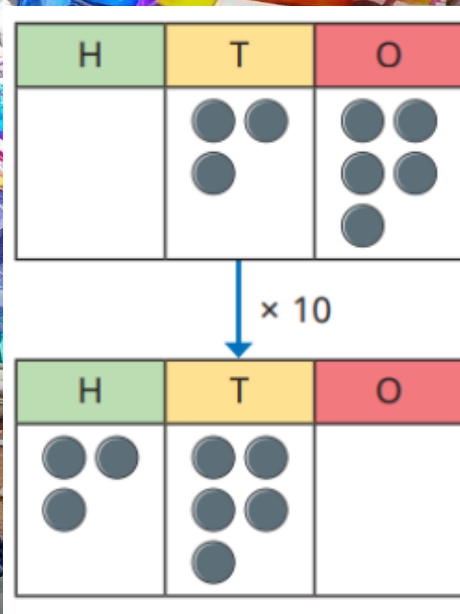
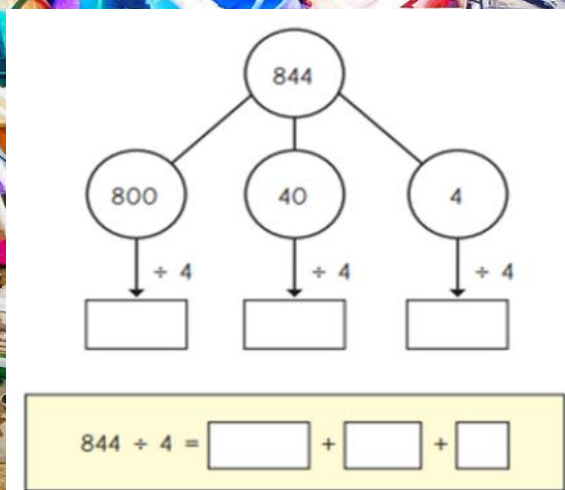


# Maths- models and images

## Multiplication

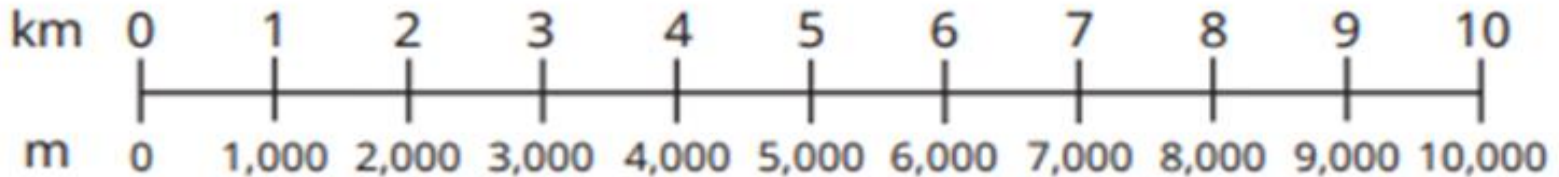
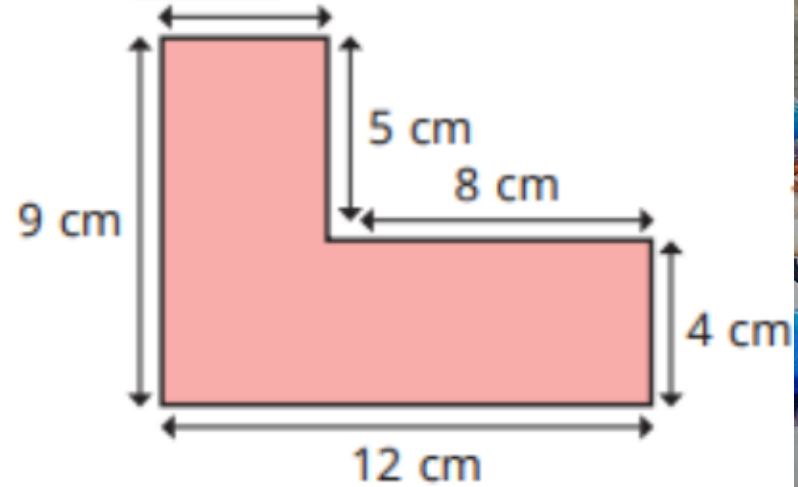
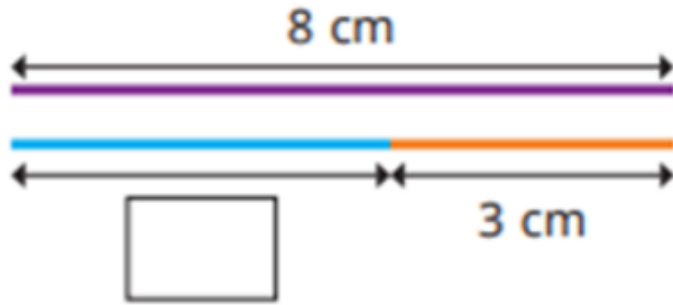


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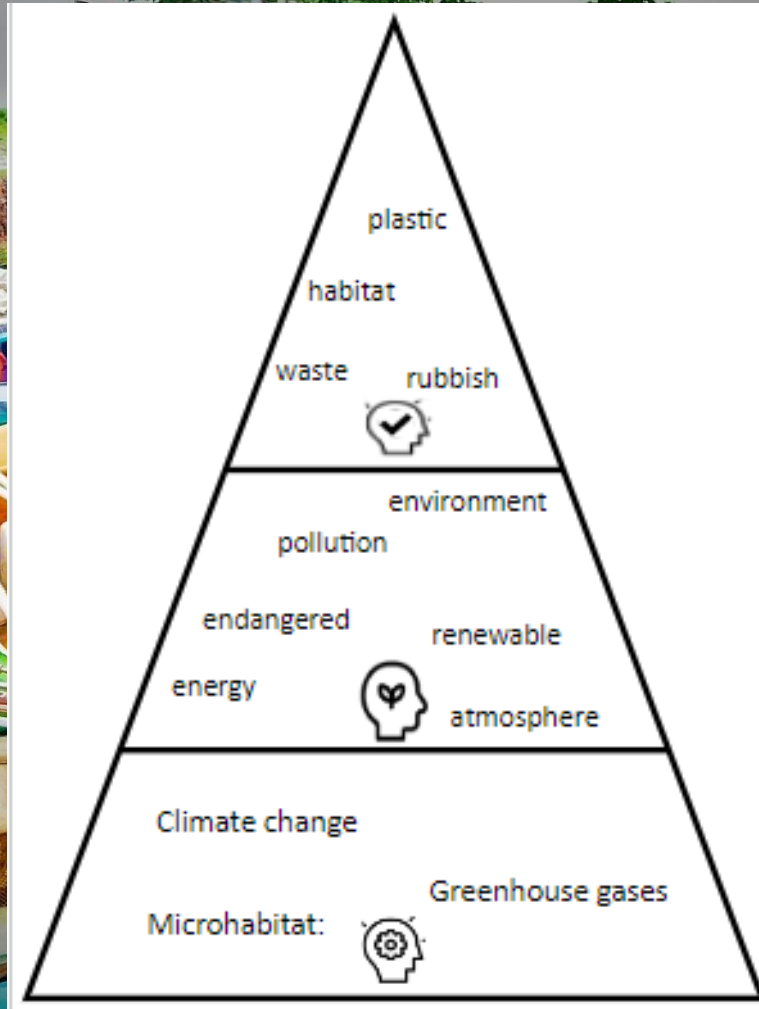
# Maths- models and images

## Length and perimeter





# Key Vocabulary





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### **Driver Subject: GEOGRAPHY**

The outcome of this learning experience will see the children creating reusable bags, containing flyers warning against single-use plastics. People who are purchasing food for consumption will be asked to consider how their food can be distributed and taken home in a way that is better for the environment.

The children will begin this unit by investigating the impact of plastic pollution first hand and what we should do to reduce our waste and footprint.

## **Year 4: Spring 1, 2024**

### **Supporting Driver Subject: Design and Technology**

Alongside our geography learning, we will be designing reusable bags. We will be designing and creating our own reusable shopping bags using sewing and stitching skills.

In addition to this, we will work together as a class to create a sculpture from plastic that is found in our homes and local environment.





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## Year 4: Spring 1, 2024

### SCIENCE

There will be a huge emphasis on how habitats, both local and global, can change in ways that are very detrimental to wildlife. Sometimes these changes can be very threatening for some species, driving them to the edge of extinction.

How can humans change their behaviour to protect the lives of endangered species?

In particular, how is it that plastic in our oceans is so harmful? Why is it ending up there all of the time?

### COMPUTING

This half term, the children will be looking at how to create logo for a specific purpose and then design their own logos linked to reduce, reuse, recycle.

### MUSIC

This half term, the children will learn to combine known rhythmic phrases notation with letter names to create short pentatonic (5 note) phrases. They will also continue to develop their technique at playing marimbas and steel pans. Each week, the children will participate in a Music Assembly where they will learn about different musical genres - including singing these.



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# Year 4: Spring 1, 2024

## R.E

We will be looking at the question- what does it mean to be a Hindu in Britain today?

Exploring Hindu culture and how they show faith within their families. Explore how Hindu's worship within temples including prayers, blessings, offerings and rituals. Hindu's refer to their religion as 'Sanatan Dharma' which means 'Eternal Way' and describes a way of life rather than a set of beliefs.

## MfL (French)

The children have really enjoyed their French learning so far. This half term we will be learning the names of different habitats in French.

## PSHE

In PSHE this half term, we will be discussing rules and why we need them.

We will also be understanding what it means to be a good leader.

## P.E

This half term, we will learn through dance to move by understanding how to perform various movements in rhythm to a song as well as how to link various movements together through fluid movements and actions. We will also develop the basic use of turns, rolls and slides to create a dance individually and in groups.