

Huxlow Science College

OUR WORLD

Name:

Form Tutor:



Huxlow
Science College
Opening Doors to Brighter Futures

All about us

Welcome to Huxlow Science College. We have planned two very special days for you to experience life at secondary school and provide you with a snapshot of Huxlow life

You will meet new friends, your new teachers, experience new lessons and have lots of fun over the next two days. To further your learning, we have created this booklet with a number of projects for you to complete over the Summer.

In September, an exhibition of your work will be put on display to celebrate and share your achievements.

During the exhibition, you will have the opportunity to look at the work produced by all of your new friends. We will also invite your parents, family members and primary teachers to come and see your fantastic work.

So, are you ready to amaze us? All the information you need is in this booklet.

Please choose one project and enjoy!

What makes someone a hero?



PROJECT 1 – HISTORY

Create a list of people who are heroes/inspirational people throughout History?



PROJECT 1 - HISTORY

My hero is _____

Picture of your hero

Where in the world is your hero from?



Key facts about your hero:

1.

2.

3.

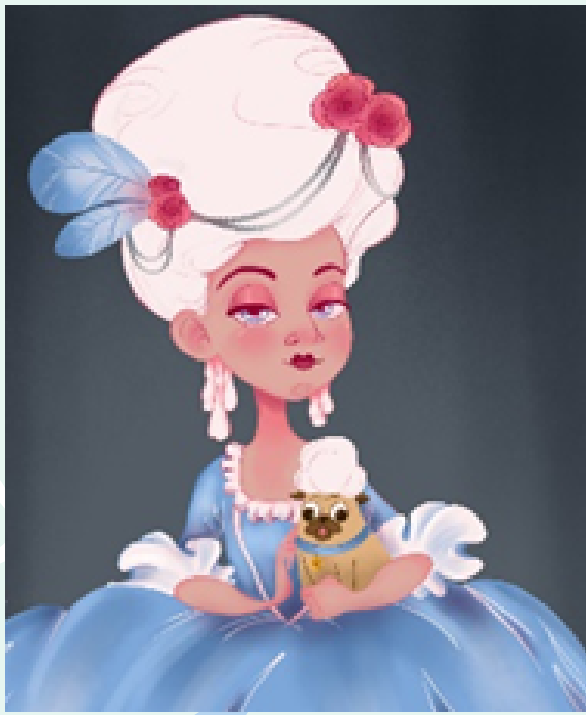
4.

PROJECT 1 – HISTORY

Explain why this person is your hero in the space below:

PROJECT 2 – FRENCH

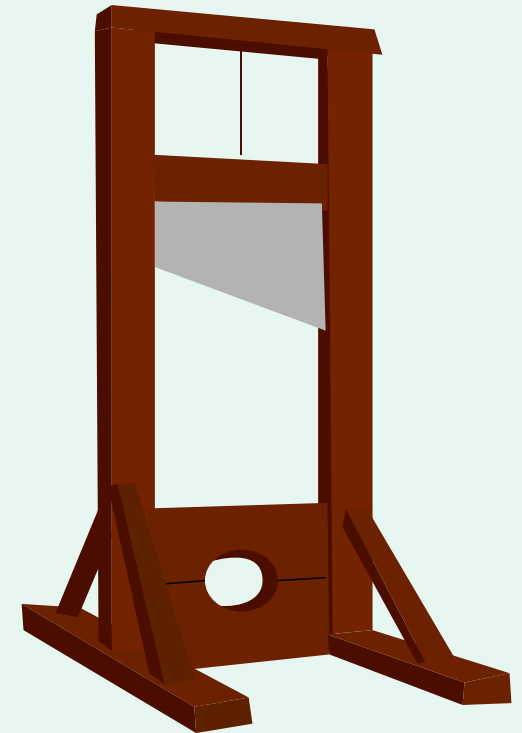
Who/What are they?
Can you recall from the lesson?




- a. Marie-Thérèse
- b. Marie-Antoinette
- c. Marie-Elizabeth



- a. Louis XIV
- b. Louis XV
- c. Louis XVI





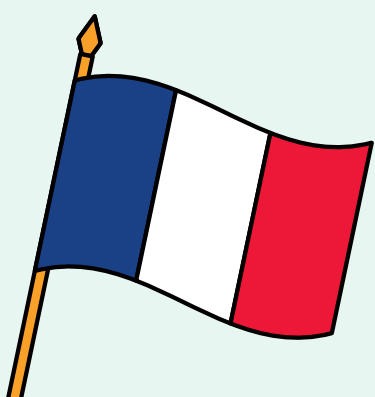
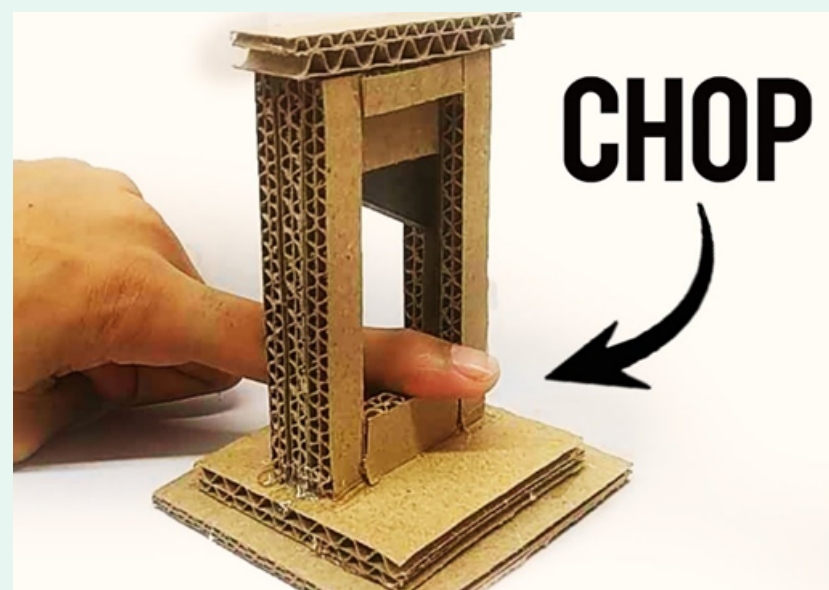
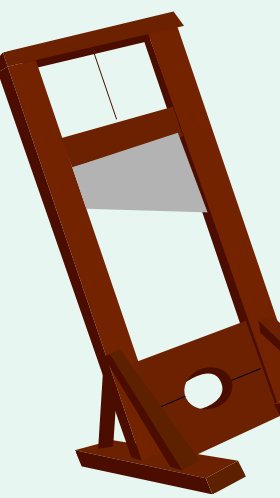
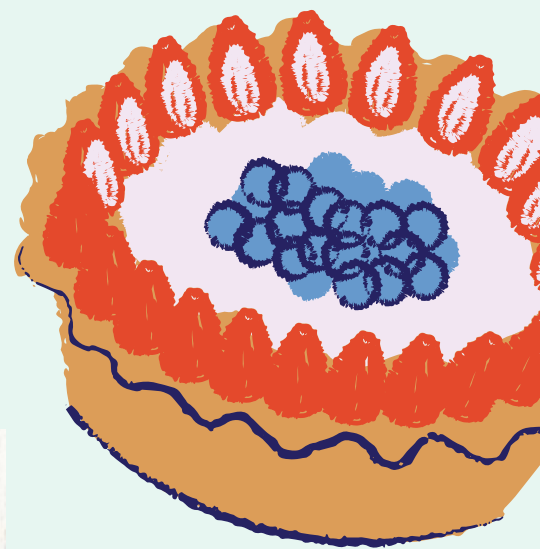
PROJECT 2 – FRENCH

Your turn to prepare for Bastille Day!

- Are you into craft (paper, crochet, felting...)?
- Are you a baker?
- Do you like wood/cardboard work?
- Are you a fashion designer?
- Are you good with drawing/painting/colouring?
- Are you into collages of pictures?

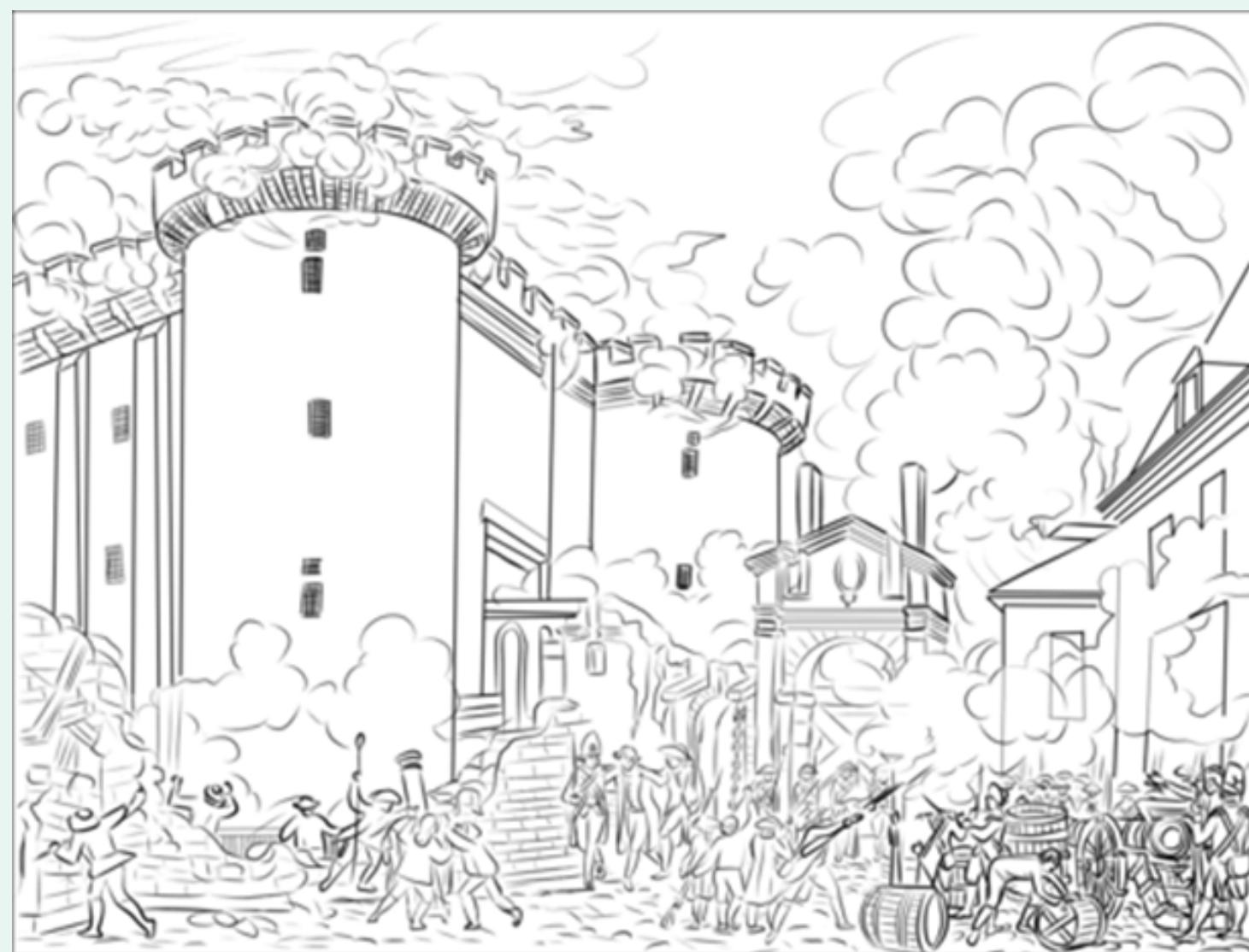
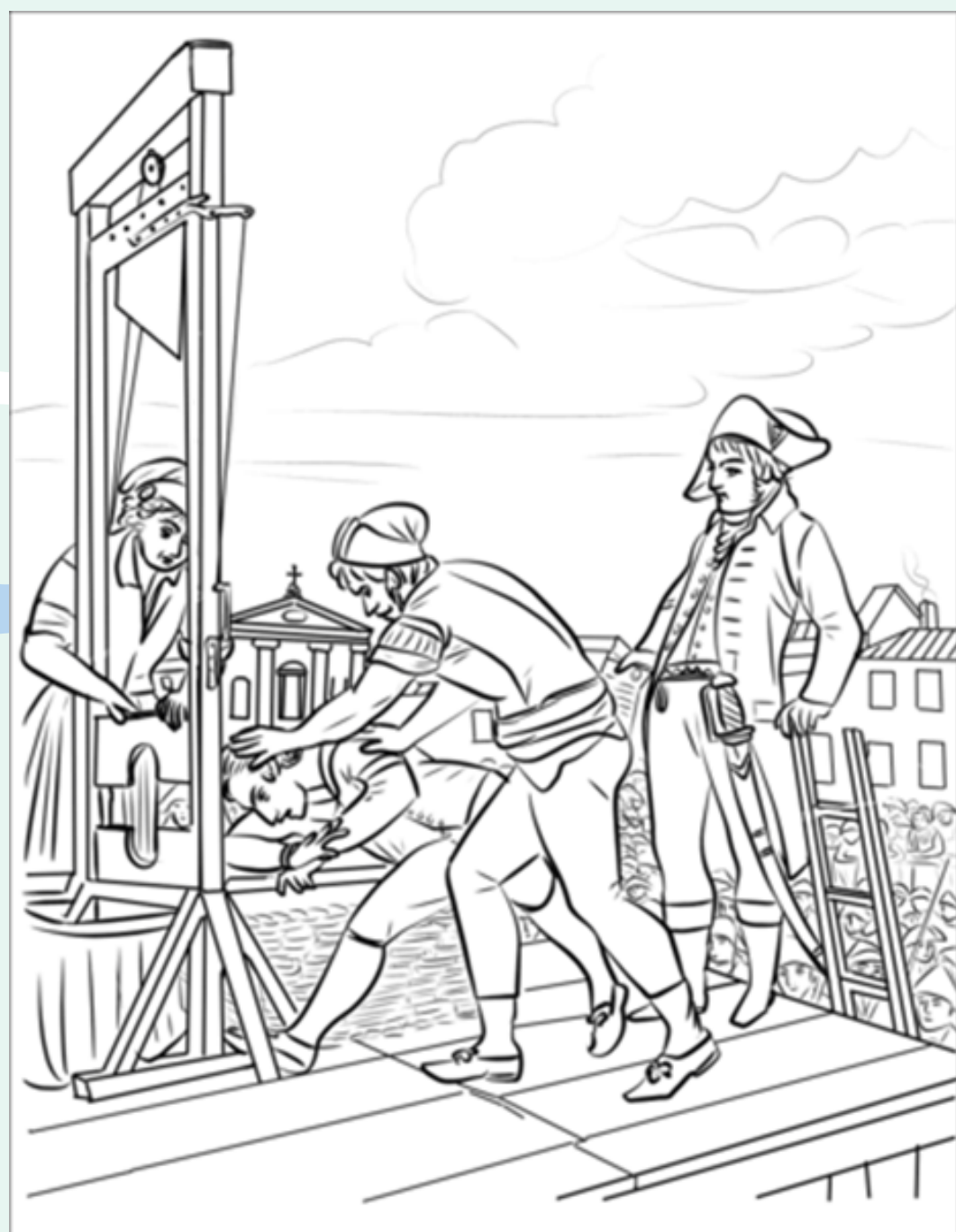
*Here are a few ideas for you to design Bastille Day decorations.
Either bring them to Huxlow in September or take pictures of your work (cakes for example)*

- key people/places to label, colour and add facts around (collage)
- a history of the guillotine – horrible histories <https://www.youtube.com/watch?v=AoXKrr14uY8> (Horrible Histories HHTV News Storming The Bastille)
- build a guillotine with cardboard / ice lolly sticks
- collage with blue, white and red photos/items to create a French flag
- bake a Bastille Day cake
- design dresses and wigs for Marie Antoinette
- create a paper lantern (lampions du 14 juillet)
- watch the fireworks on 14 Juillet 2022
- cocarde (French cockade with crepe paper)
- cocarde bunting (see below)
- make tricolour pompoms
crochet/felt with the French colours



PROJECT 2 – FRENCH

Colour the pictures and put them into chronological order.



PROJECT 3 – GEOGRAPHY

Geography is the study of 'Our World' and your place in it. The Geography department has a choice of 2 tasks that you can choose from to show everyone at Huxlow your view of 'Our World'
An introduction to the tasks

Task 1 – The Natural Environment

Are you imaginative?

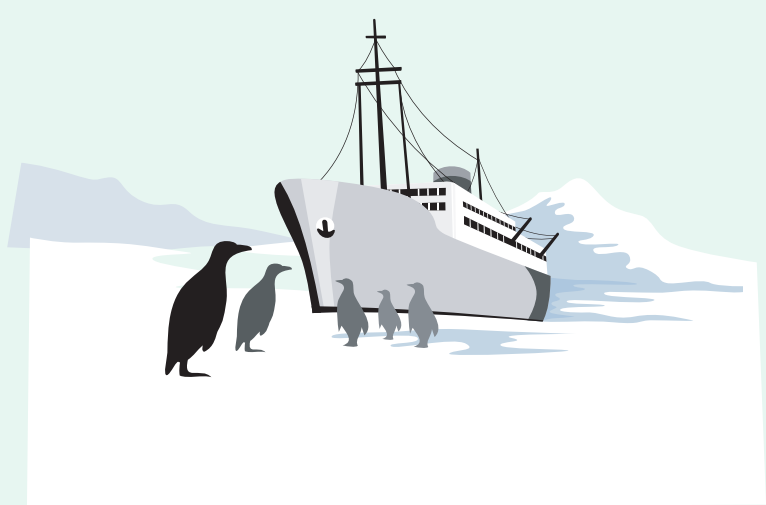
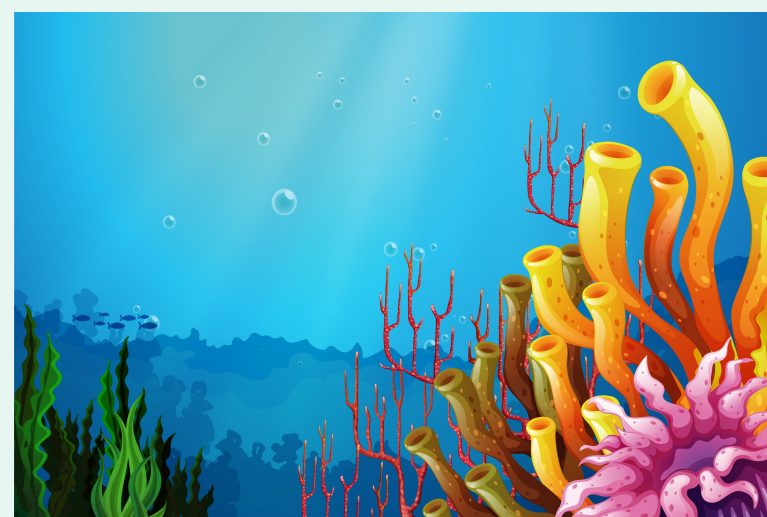
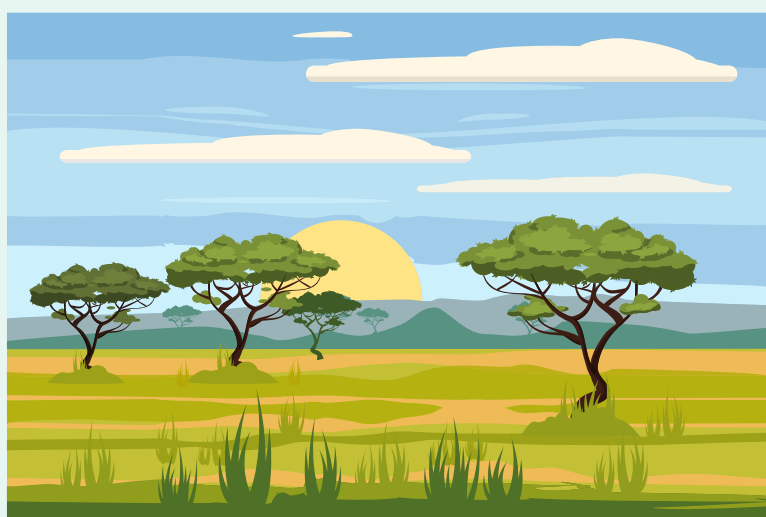
Is research on the computer or from books for you?

Do you like making posters, booklets or presentations?

Then this task is for you!

'Our World' has so many amazing natural environments and wondrous creatures that live in them. From the polar bear in the Arctic, to the camel in the desert and the toucan in the rainforest. Create a booklet poster or presentation on any of the world's natural environments, include a map to show where it is and a collage of pictures to show the animals that live there and some facts about your chosen environment.

Here are some ideas of environments you could choose from: Arctic, Antarctic, savannah grasslands, coral reefs, rainforests and deserts to name but a few.



PROJECT 3 – GEOGRAPHY

Task 2 – Diorama/ Model of an Earthquake that has struck a town or city

Are you creative?

Do you like modelling, painting or playing with Lego?

Then this is the task for you!

Our world is a spectacular place, with the beauty of the natural world and the ingenuity of humans to create towns and cities. But ultimately we must remember that ‘Our World’ is also a place of storms, earthquakes, volcanic eruptions and tsunamis.

Using papier mache, clay, Lego, paint or recycled bottles and boxes, create a model or diorama of how a city would look if struck by an earthquake.



PROJECT 4 – MATHS

Hello to Huxow's newest students from the Mathematics department! It was a pleasure seeing you today and I hope you had lots of fun with flags. We certainly have enjoyed planning these activities and cannot wait to see you in September!

We would love you to choose the maths project and see your displays next year. Your task will be to pick any five flags that interest you and make a poster displaying the areas of each colours. These could be flags that make up your nationality, favourite sports teams, places you have been on holiday or even just random flags you like the look of.

Remember these simple area facts:

Area of a Rectangle = Length \times Width

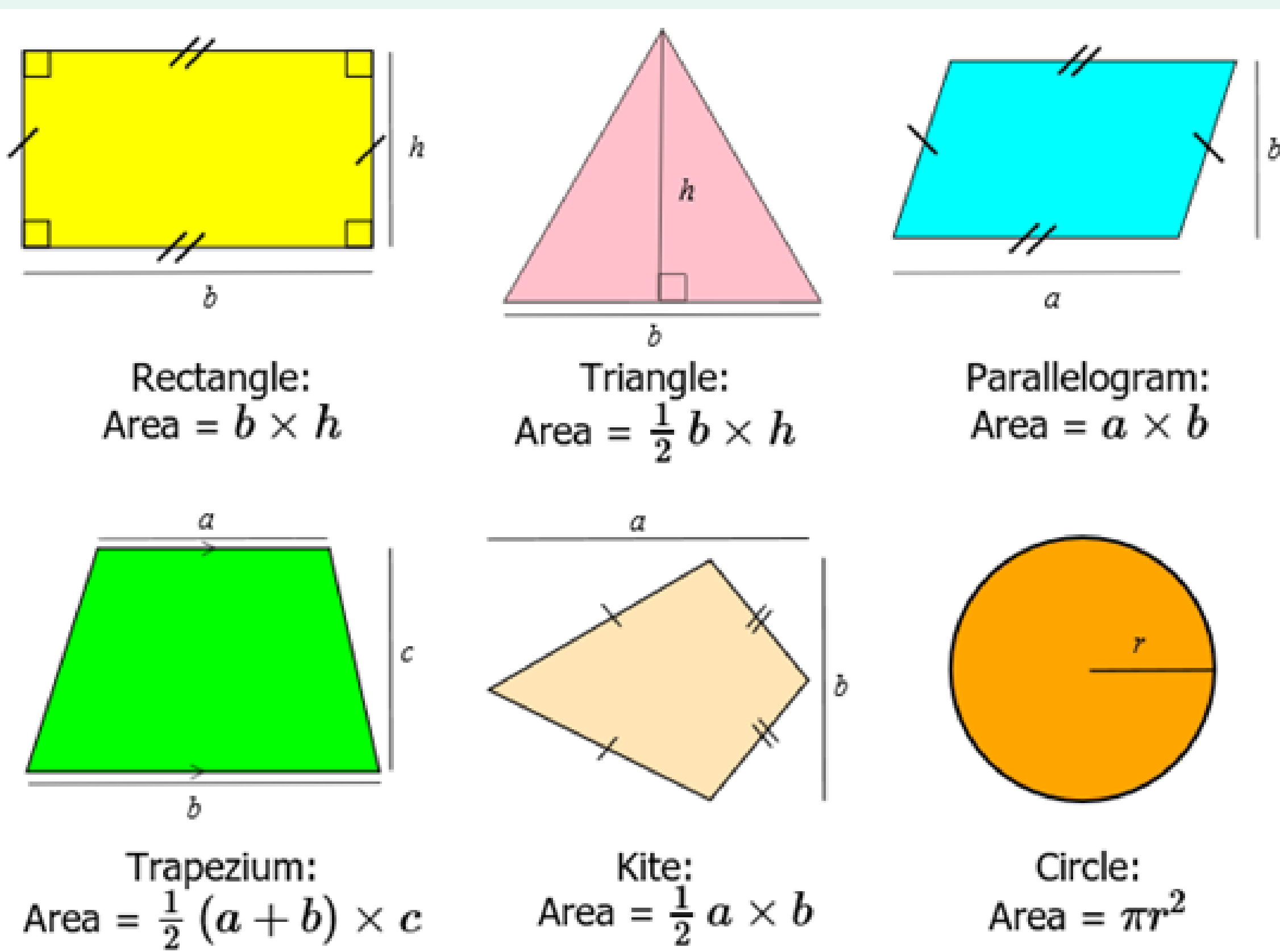
Area of a Triangle = Length \times Width \div 2

Area of a Parallelogram = Length \times Width

(and these trickier ones)

Area of a Trapezium = $(a+b) \div 2 \times$ Height

Area of a Circle = $\pi \times$ Radius²



PROJECT 5 – SCIENCE

KEYWORDS: Chromatography, fly tipping, recycling, plastic, oil, fossil fuels, carbon dioxide, toxic gases, global warming, photosynthesis.

You have seen what fly tipping looks like in our world and how the police can identify the person(s) who did the environmental crime.

Over the summer, your task is to find out more about plastics and how they can harm the Earth if not disposed of properly. You are going to research:

- How they are made
- What they are used for
- The problems with plastic disposal
- How they can be recycled.

You are going to produce a poster or a fact sheet about your findings.

You are then going to make a model or a piece of clothing out of plastics you have put in your recycling bin/bag. The theme of your model or clothing is 'Our World'.



Hoodie with a logo about plastics and our world



Sculpture made of cans and bottles



Hoodie made from plastic bottles

Information

Plastics are made from oil. There are lots of different types of plastic and you can see them in use every day. Here are some examples:



PROJECT 5 – SCIENCE

Can you find some other examples for your summer project?

Oil is a fossil fuel, this means that eventually it will run out and we won't be able to make plastics any more.

Burning fossil fuels like oil, gas and coal, produces carbon dioxide (CO₂). This is a gas that contributes to global warming.

Global warming is the greenhouse effect. It is the Earth getting warmer. The temperature around the world is increasing every year causing forest fires in very hot places like Australia. These fires destroy trees, which help to remove carbon dioxide from the atmosphere using a process called photosynthesis. This process is how plants make their own food. The forest fires also destroy wildlife and ecosystems.



Can you record the highest temperature in your area over the summer?
Is this hotter than last year?

Summer Quiz

- Are plastics made from oil?
- Is oil a fossil fuel?
- Give two examples of a fossil fuel
- Does burning fuels produce carbon dioxide?
- What gas causes global warming?
- What does global warming cause?

PROJECT 6 – ENGLISH

The writing task is going to feature on display at Huxlow! You will need to write an autobiography all about your heritage.

Securing discursive writing: writing an autobiography or biography.

Q1) What are the key features of autobiography or biography writing?

Q2) What does the word heritage mean?

Task1:

Research some examples of famous autobiographies or biographies – what do they look like?

Task 2:

You might need to quiz some people in your family to find out about your heritage.

You could ask:

Where does our surname come from?

Where was I born?

Where were your grandparents born?

Where did we all live?

Are there any interesting stories in our family?

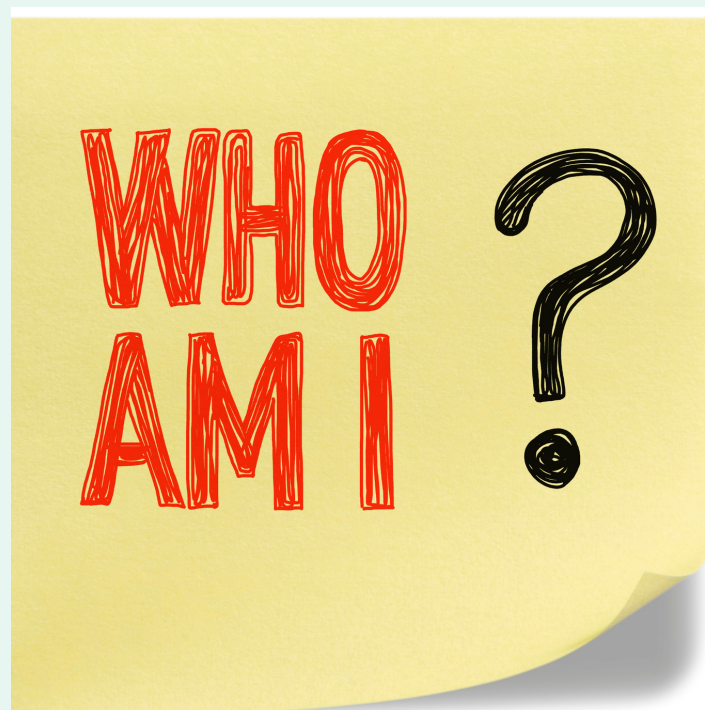
Task 3:

You are going to need to plan your autobiography or biography. Think about a story you could write about that happened or how you can express your heritage.

Final task:

You can now start writing your autobiography or biography. Use the check list to help you on the next page. You could also mock up a pretend social media page using the template in this pack.

Remember this needs to be your best work.



PROJECT 6 – ENGLISH

Autobiography Planning Sheet

Remember to include:

- First person (I, my, we)
- Adverbials (e.g. accordingly, consequently, therefore, hence, as a result)
- Time conjunctions (e.g. then, firstly, whenever, in the end, on another occasion)

Title	
Introduction: An attention-grabbing introduction to make the audience want to read on.	
Life events in chronological order: written in past tense. You might include: <ul style="list-style-type: none">• the names of individuals and places;• dates for specific events;• early memories and influences;• beliefs and values;• emotions and opinions;• achievements	
Closing Statement: written in present or perfect tense. You might include: <ul style="list-style-type: none">• reflections on key events;• comments on your life now;• your hopes for the future.	

PROJECT 6 – ENGLISH

Looking for something to read over the holidays? Try these books from The Book Trust selected especially for Years 6 into 7.



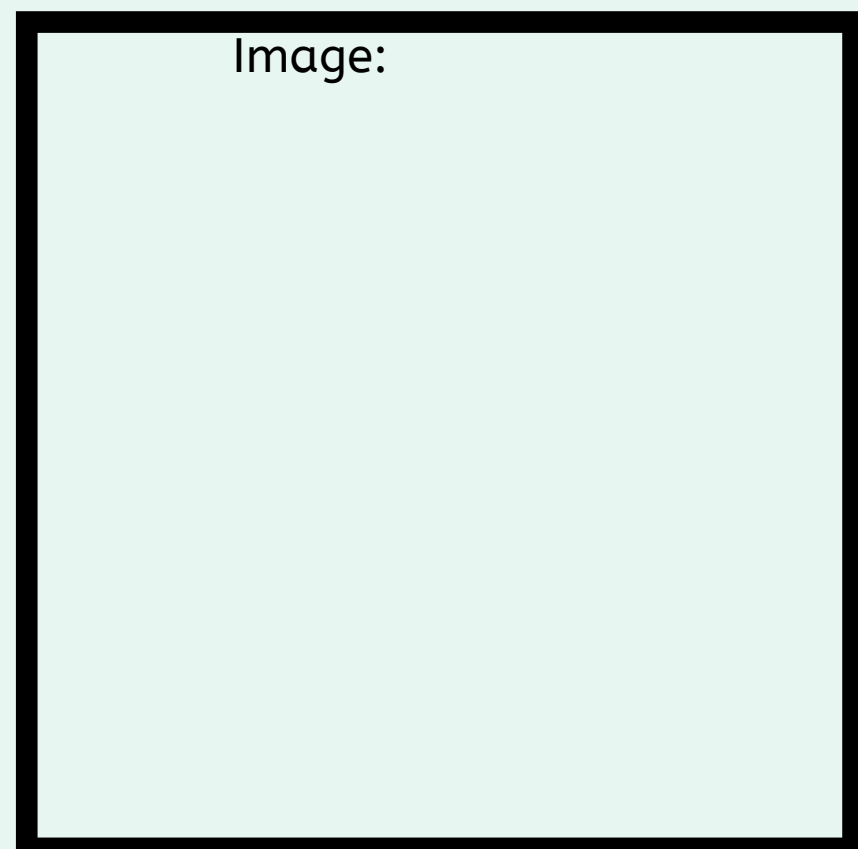
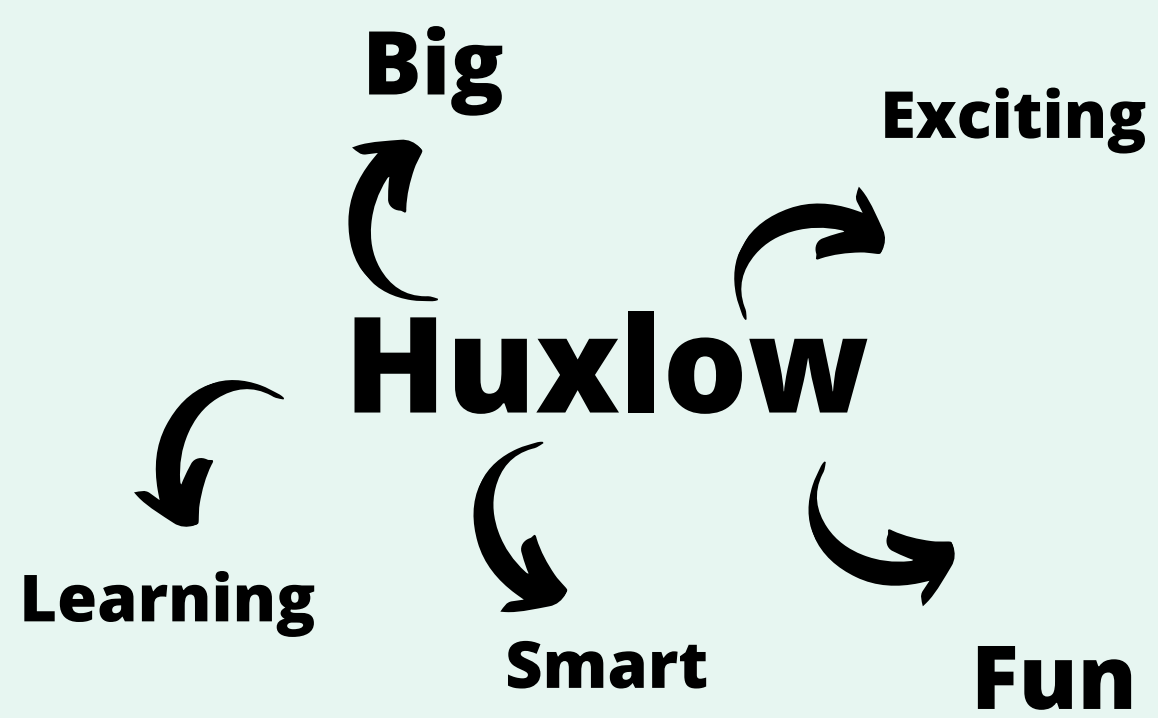
PROJECT 7 – DESIGN TECHNOLOGY

PROJECT OUTLINE : Produce a sustainable object which represents you in "Our World."
SUGGESTED OUTCOMES: 3D products (no bigger 20x30cm) or a visual representation of the concept.



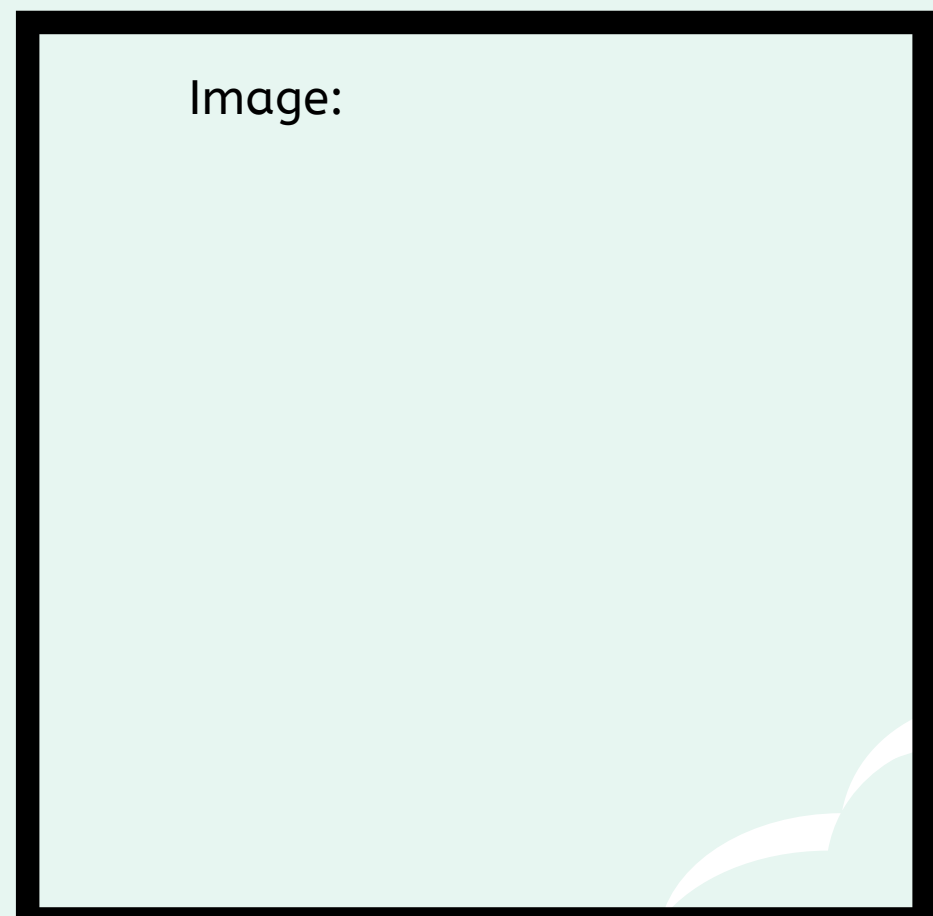
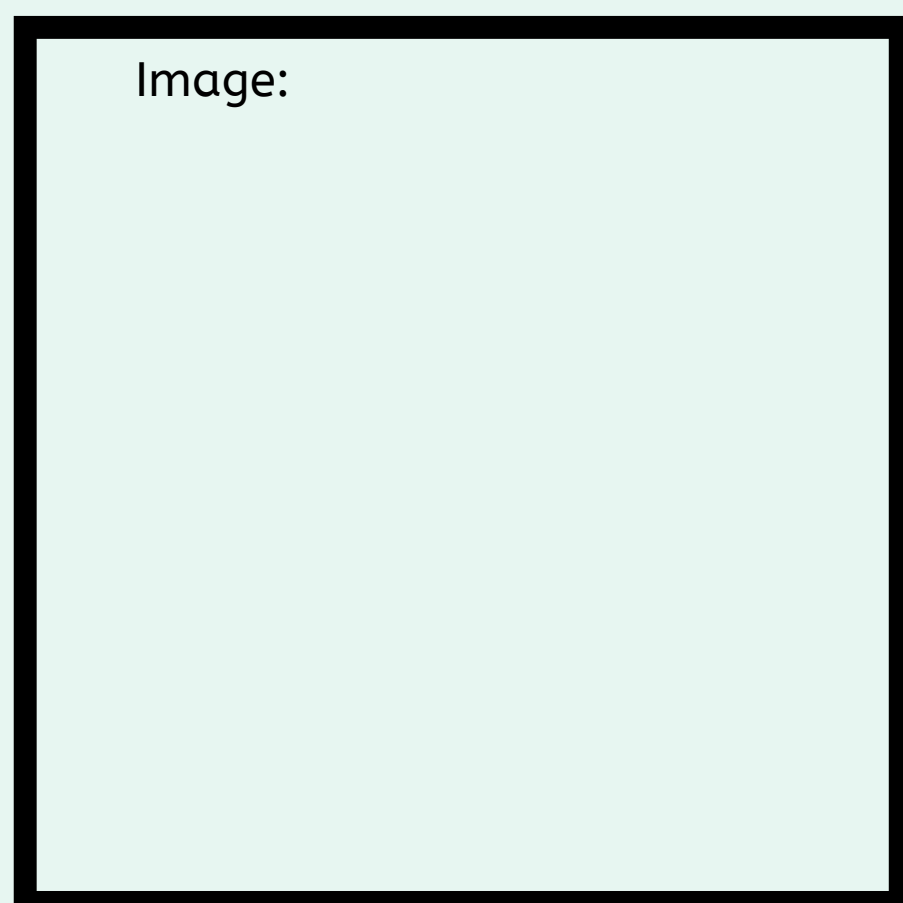
Task 1

Task 2 Idea 1



Task 3 Idea 2

Task 4 Idea 3



PROJECT 8 – DRAMA

PROJECT OUTLINE : Gather your own props/items of clothing and create a dramatic story with your props as the stimulus.

Find a prop and create a story behind that prop.

You need to think about:

1. Who does it belong to?
2. How did they get it?
3. Did someone give it to them or did they find it in a mysterious place?
4. Why is this item important to the character



PROJECT 9 – PE

PROJECT OUTLINE : Complete the challenges (All are multi skills based.)

SUGGESTED OUTCOMES: Send in pictures or videos of yourselves completing the activities.

By the time of reading this booklet, we will have already met you!

We hope you enjoyed your Yr6 Transition Day 'Our World' Event.

The aim of our transition event was to showcase some of the core values that will be shown in the 2022 Commonwealth Games in Birmingham.

The Commonwealth Games are known for being "The Friendly Games" which focuses on friendship, unity, team spirit and fairplay. These are all core values of the Huxlow PE dept too

Hopefully you had fun in the event, met some new people and improved your physical and mental well-being.

The activities covered in your transition event build on some of the existing skills you have learned in your primary school e.g. movement, body management, hand eye coordination.

In your first year at Huxlow we will develop and embed these fundamental skills through lots of different aspects of physical activity and healthy lifestyle.

We will work on fundamental skills such as speed, balance, agility, coordination, stamina within a variety of different contexts such as invasion games, net games, striking & fielding, fitness circuits, dance and leadership activities.

The challenges in this booklet will help prepare you for the work we complete in Year 7 in September.

You can complete as many challenges as you like. Please follow the simple instructions on each challenge sheet and pick the level you would like to work at e.g. Bronze, Silver or Gold.

Don't forget to record your scores on the Activity Tracking Sheet and bring in the booklet in September.




































Please share any pictures or videos with us on our Huxlow PE Twitter page @HuxlowPE or @Huxlow.



PROJECT 9 – PE

PROJECT OUTLINE : Complete the challenges (All are multi skills based.)

SUGGESTED OUTCOMES: Send in pictures or videos of yourselves completing the activities.

60 Second Challenge Activity Tracking Sheet			
 Tick the boxes when you achieve Gold, Silver and Bronze?	Name:		 Can you keep working hard to achieve Gold, Silver and Bronze?
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1
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<input type="checkbox"/>	 3	 2	 1
<input type="checkbox"/>	 3	 2	 1

PROJECT 9 – PE

An example of the challenges are below - you can find the others on our website:
<https://www.huxlow.northants.sch.uk/learn-with-us/curriculum-and-options/physical-education?stage=Stage>



**Around the World
60 Second Challenge**

Do you believe in yourself and keep trying even if you drop the ball?

How many times can you pass the ball around your waist in 60 seconds?



! If you drop the ball you need to pick it up quickly and carry on!

Use a ball
If you do not have a ball, use a cuddly toy or a rolled up pair of socks!

Achieve Gold
50 times around your waist.



Move the ball around your waist in both directions for 30 seconds to make it harder.

Achieve Silver
40 times around your waist.




Compete against a family member!
If you drop your ball you must stop!

Achieve Bronze
30 times around your waist.






**Bunny Jumps
60 Second Challenge**

Can you keep trying even if you start to feel tired?


How many bunny jumps over a bench or stool can you complete in 60 seconds?



! Place two hands on the bench or stool and jump side to side making sure both feet go over the bench. To make it easier step over.


Use a bench or a stool
Make sure that the object you are jumping over is fixed to the floor.

Achieve Gold
80 bunny jumps




To make it easier place two hands on the floor and jump side to side over a line.



Achieve Silver
60 bunny jumps



Challenge other family members.
Who is the record holder in your family?

Achieve Bronze
40 bunny jumps





**Burpees
60 Second Challenge**

Can you keep trying even if you feel that you want to stop and give up?

How many burpees can you complete in 60 seconds?



! You must extend your legs back once you have lowered yourself to the ground.

No equipment is required.
Just make sure you use a clear, open and safe space.

Achieve Gold
30 burpees



If it's too tough give yourself an extra 30 seconds and do not perform the leg extensions.

Achieve Silver
20 burpees



Achieve Platinum!
To achieve platinum can you perform 40 burpees in 60 seconds?

Achieve Bronze
10 burpees








**Catch and Clap
60 Second Challenge**

Can you focus on the ball to maximise your concentration?

How many times can you throw a ball up, clap once and catch it in 60 seconds?



! The ball must go above your head. If you drop the ball, carry on counting your score from where you left off.

Throw and catch a ball
If you do not have a ball, use a toilet roll or a rolled up pair of socks.

Achieve Gold
35 catch and claps



Don't drop it!
Each time you drop the ball take five seconds off your time!

Achieve Silver
25 catch and claps

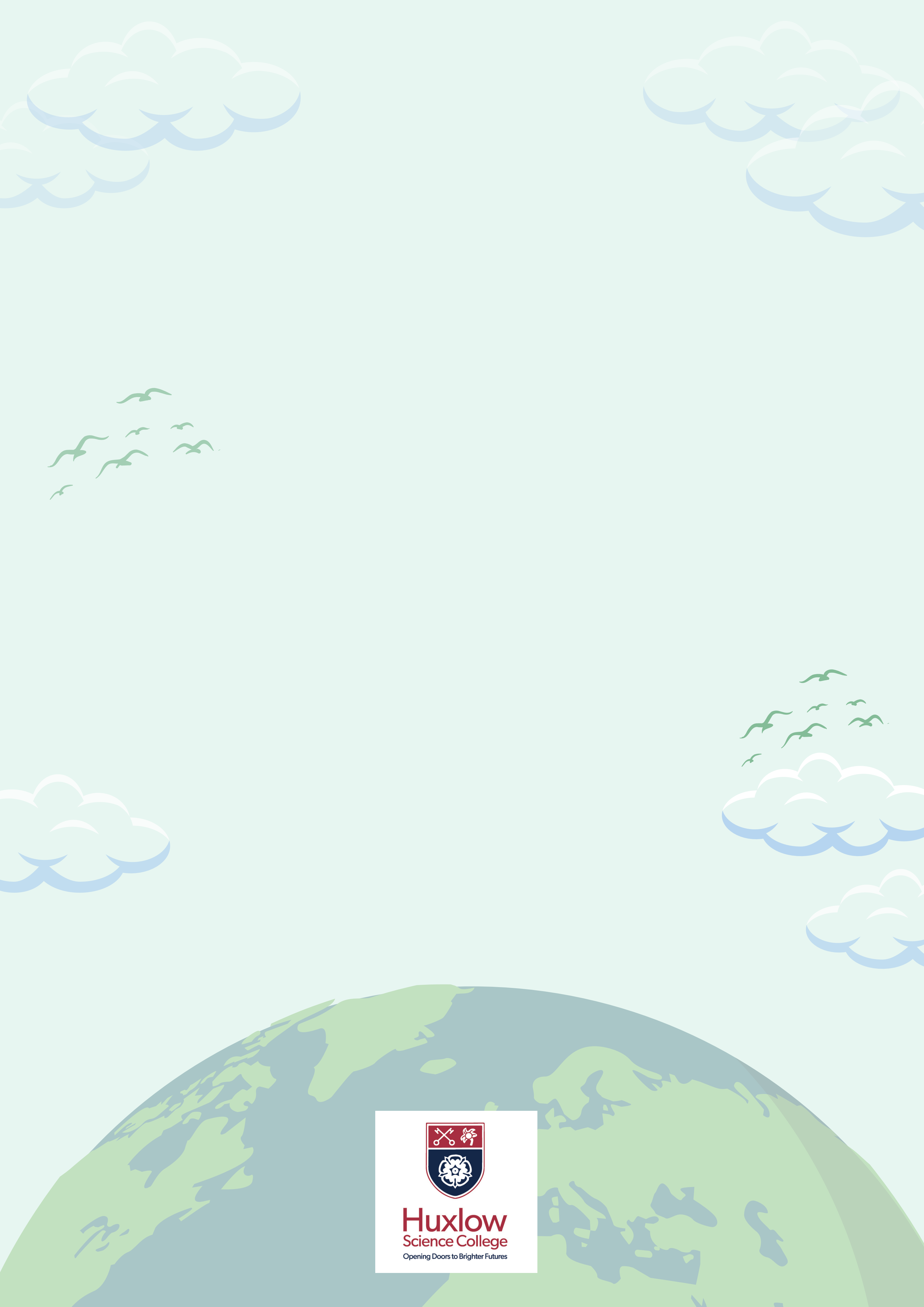


Play with a partner!
Throw, clap and catch in pairs. Can you achieve a medal with your partner?

Achieve Bronze
15 catch and claps





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