

Year 7 into 8

Holiday

Homework



Summer 2026

Year 7 into 8 Holiday Home Learning

2026

Dear Students,

This home learning booklet is designed to help you understand key areas of the subjects that are studied in Year 8 and support preparation for next year.

All the activities must be completed **in the booklet**. There are two sides allocated to each subject area.

The **English, Maths and Science** activities are compulsory and **must be completed**. On your first lesson back, you must carefully tear the work out of the booklet and **hand this into your class teachers in English, Maths and Science**. Make sure you write your full name clearly on the work.

Two further subjects must also be completed, this is compulsory. (You can do more than two if you wish). These must be **handed to your Form Tutor** during your first tutor period back. Make sure you write your full name clearly on the work. These will be **checked and logged by your Form Tutor**.

Do your best work, good luck!

Dear Parents/Carers,

Thank you for your support with home learning. Please read through the expectations above with your child.

In addition to the tasks set, we also strongly advise daily reading over the break. Just **10-15 minutes a day can make a real difference**. Research shows that reading regularly helps maintain vocabulary, comprehension and fluency, which supports progress across all subjects. It also builds emotional intelligence, supports well-being and develops concentration and imagination. If students do not read over the summer holidays, their reading age will regress. Please check in with your child that they are visiting the school library before the summer break to borrow their reading books.

Kind Regards,

Ms S Gray. Deputy Headteacher Teaching and Learning

Ms S Sulliman. Lead Practitioner-Literacy

Year 7 into Year 8 – English Summer Homework 2026

Complete the tasks below on this sheet (front and back) and bring it to your first English lesson after the holidays.

TASK 1: Look up the definitions of the following words AND use them in a sentence of your own.

a) utopia

Definition: _____

Used in a sentence: _____

b) dystopia

Definition: _____

Used in a sentence: _____

c) surveillance

Definition: _____

Used in a sentence: _____

d) totalitarian

Definition: _____

Used in a sentence: _____

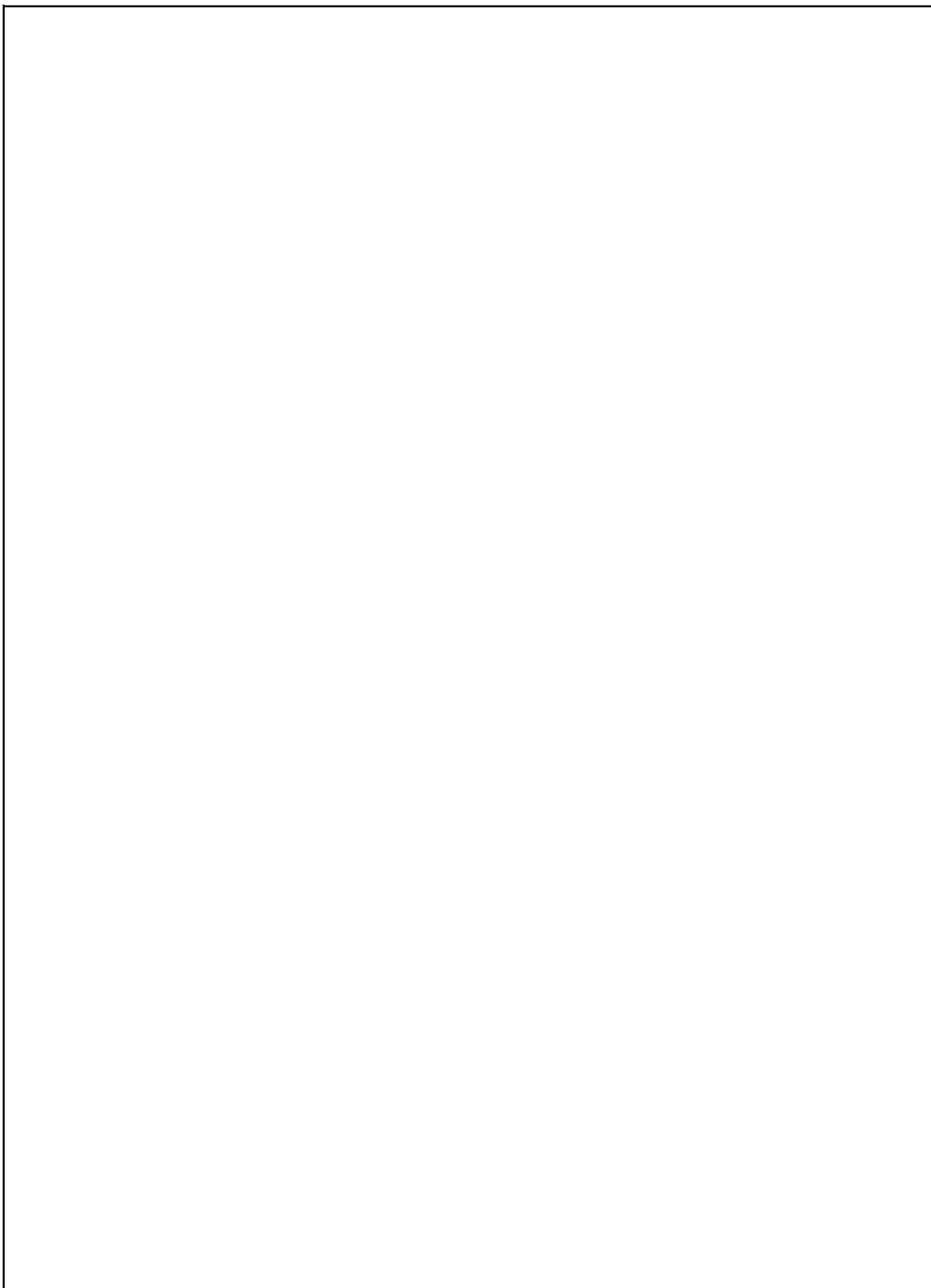
TASK 2: Design an A4 poster on the back of this sheet on subject of dystopia.

In your poster, you should include:

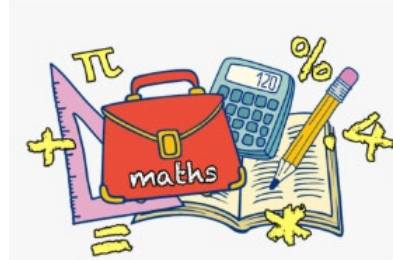
- At least 3 examples of films and/or books that are dystopian with short plot summaries in your own words.
- Images which contain key characteristics of dystopian worlds e.g. lack of freedom, constant surveillance etc.

Look at the example below for inspiration on the kind of poster you *might* produce.





Year 7 into 8 Maths



Number

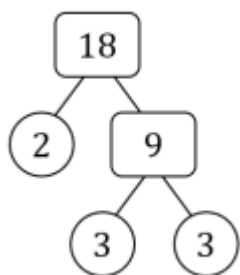
Complete the following sentences:

$$5 \times 5 = 25 \text{ so } \sqrt{25} = 5.$$

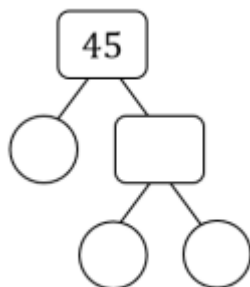
$$4 \times 4 = \underline{\quad} \text{ so } \sqrt{\quad} = \underline{\quad}.$$

$$\underline{\quad} \times \underline{\quad} = 81 \text{ so } \sqrt{81} = \underline{\quad}.$$

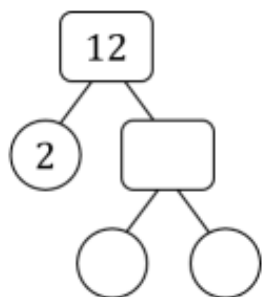
Find the product of prime factors:



$$18 = 2 \times 2 \times 3$$



$$45 = \underline{\quad} \times \underline{\quad} \times \underline{\quad}$$



$$12 =$$



Calculate:

$$5 + (-4) =$$

$$4 - 7 =$$

$$-3 + 8 =$$

$$5 - (-2) =$$

$$5 \times -4 =$$

$$-4 \times -7 =$$

Share £24 between Ansa and Ben in the **ratio** of **3 : 5**

A : B

 :

Simplify the following ratio

$$\begin{array}{ccc} 12 : 10 & & \\ \div 2 & & \div 2 \\ 6 : 5 & & \end{array}$$

$$15 : 25$$

$$£4 : 80p$$



Algebra

$$4a + 5a - 3a = \underline{\hspace{1cm}}a$$

$$7a + a - 5a = \underline{\hspace{1cm}}$$

$$2a + 4b + 6a - 2b = \underline{\hspace{1cm}}a + \underline{\hspace{1cm}}b$$

$$4a + 3 + 3a - 10 =$$

$$4a - 2b - 6a + 8b =$$

$$11a + 4c - 10c + a =$$

$$a \times a \times a = \underline{\hspace{1cm}}$$

$$2b \times 3 = \underline{\hspace{1cm}}$$

$$5b \times 3b = \underline{\hspace{1cm}}$$

$$4a \times 7b = \underline{\hspace{1cm}}$$

$$2(b + 3) = \underline{\hspace{2cm}}$$

If **$a = 5$** , **$b = 3$** and **$c = -2$** .

Find the *value* of:

$$3a =$$

$$a + c =$$

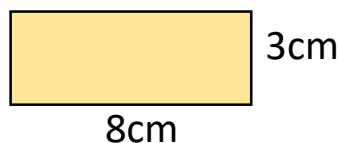
$$4a - c =$$

$$4c =$$

$$6a + 2b =$$

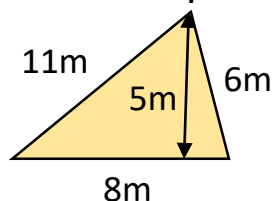
$$2b + ac =$$

Shape Find the Area and Perimeter of each Shape:



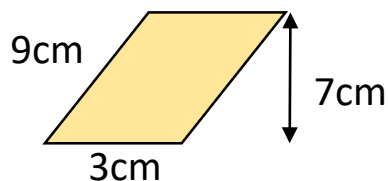
$$\text{Area} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$$

$$\text{Perimeter} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} =$$



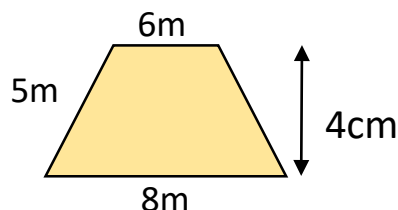
$$\text{Area} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$$

$$\text{Perimeter} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} =$$



$$\text{Area} =$$

$$\text{Perimeter} =$$



$$\text{Area} =$$

$$\text{Perimeter} =$$

Year 7 into 8 Science Holiday Homework

Next year you will learn about the periodic table – what it is and how to use it. This homework will prepare you for that topic.

Task 1: The Periodic Table is a structured chart that organises chemical elements by their atomic number.

Read the Information and Answer the Questions

Dmitri Mendeleev created the periodic table in 1869. He arranged elements according to their properties and left gaps where he believed undiscovered elements should be. From their positions he predicted the properties of missing elements such as eka-aluminium (later discovered and named gallium). He also predicted scandium and germanium. His predictions were shown to be accurate. Element 101 is called mendelevium, named after him.

1. Who created the periodic table?

2. What did the gaps left in the periodic table mean?

3. What could we learn about “eka-aluminium” from its position on the periodic table?

4. Which other elements did he predict?

5. What is the element at number 101 called?

Task 2: Researching an Element

The periodic table contains the symbols of every element that has ever been discovered. Pick one element from the list below and make a poster about it. Use the investigation questions as a guideline – try to write at least one point from each question.

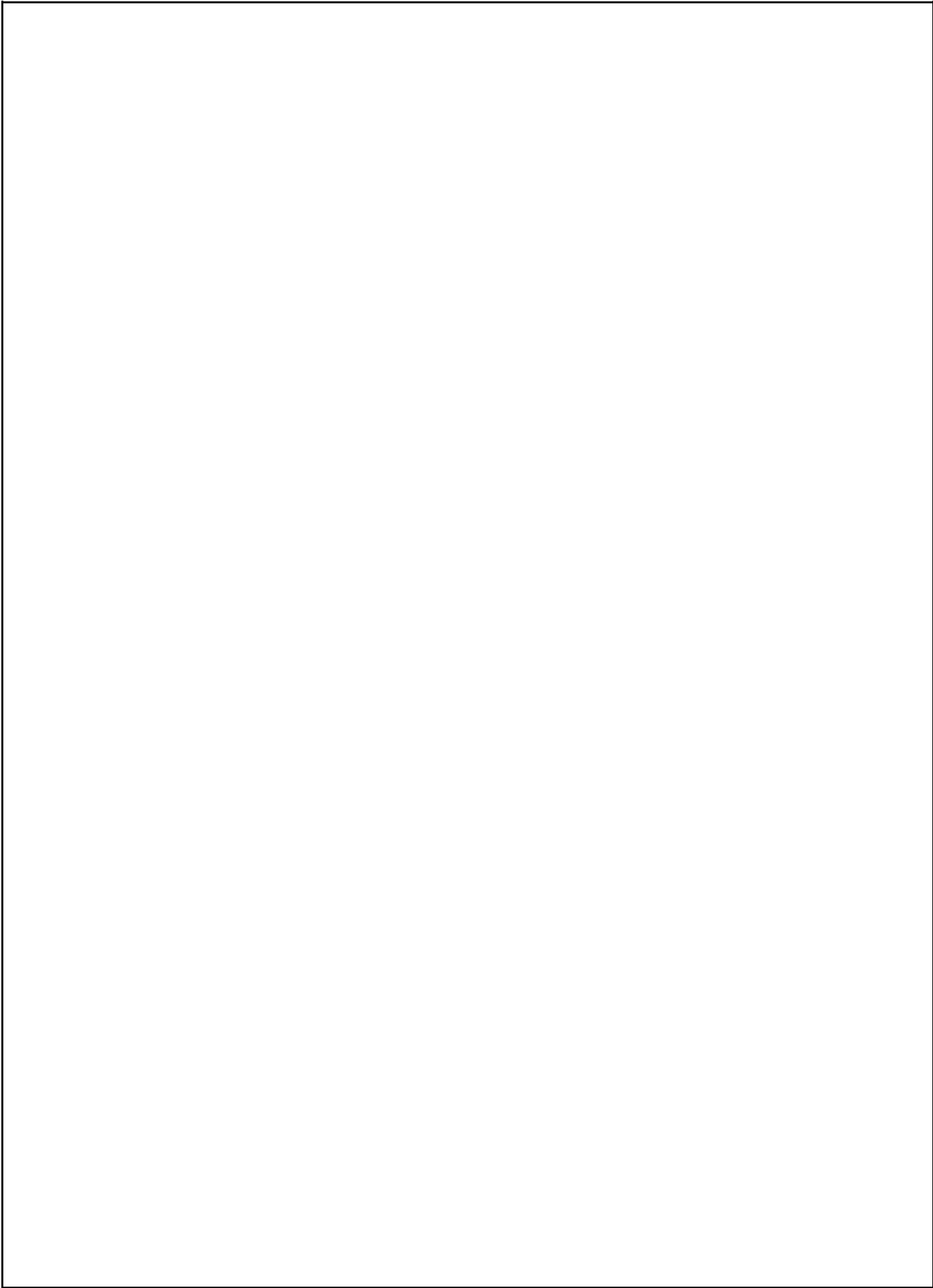
Recommended elements: neon, aluminium, calcium, platinum, uranium, lead, tungsten

Investigation Questions:

1. What is the history and discovery of the element? Who discovered it, and when?
2. What are the physical and chemical properties of the element? Include information such as its atomic number and mass, density, melting point, boiling point, and any notable characteristics.
3. Where is the element commonly found in nature? Is it common or rare?
4. What are the main uses of the element?
5. What are the environmental and health effects associated with the element?

If you're not able to use a library or computer to research, convert this information about neon into a poster using the space overleaf:

Neon is a **colourless, odourless gas** that belongs to the **noble gases**. It has an **atomic number of 10** and an **atomic mass of 20.18**. It is **very unreactive** and rarely forms compounds with other elements. One of its most recognisable features is its **bright red-orange glow when electricity passes through it**. Although neon is relatively rare on Earth and makes up only about 0.0018% of the atmosphere, it is much **more common in stars**, including the Sun. Commercial supplies are produced by separating gases from liquefied air. Neon was **discovered in 1898 by British chemists Sir William Ramsay and Morris Travers**. They identified it while studying liquid air and named it after the **Greek word neos, meaning "new"**. Today, neon is used in illuminated signs, indicator lamps, lasers and specialised cooling systems. It is generally considered safe because it is non-toxic and does not harm the environment. However, large amounts can displace oxygen in confined spaces, and liquid neon can cause frostbite because of its extremely low temperature.

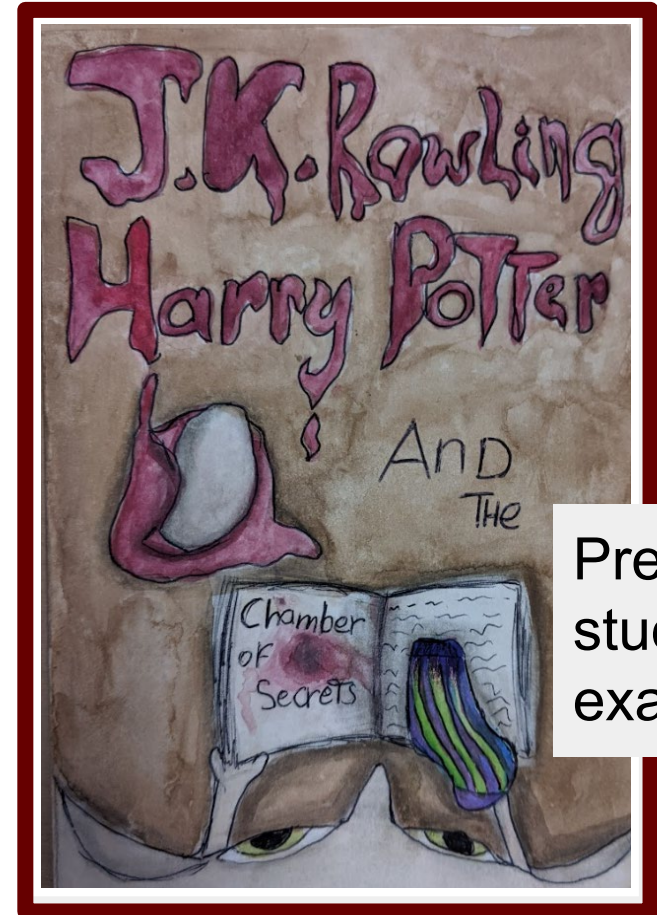
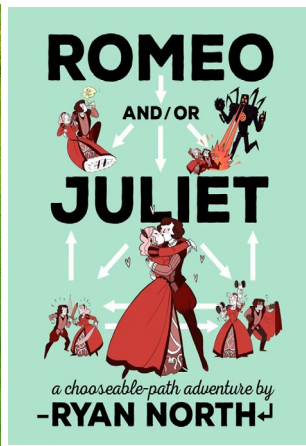
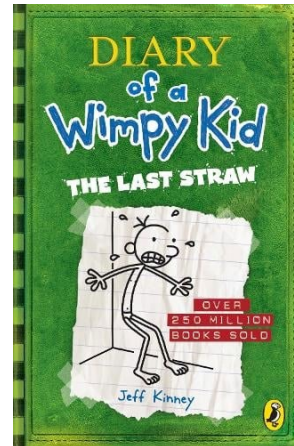
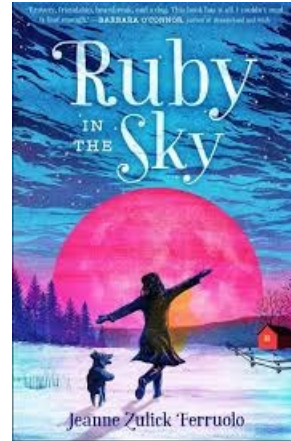
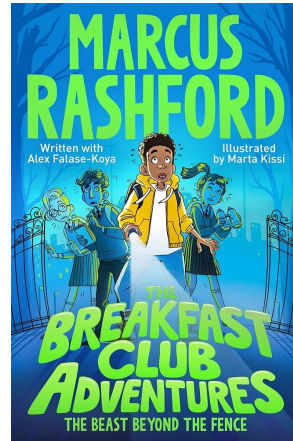
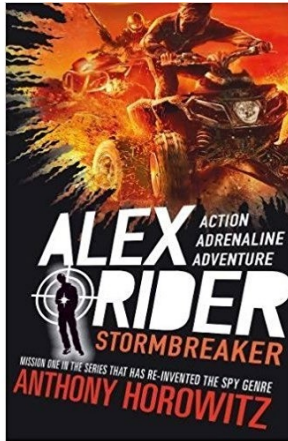
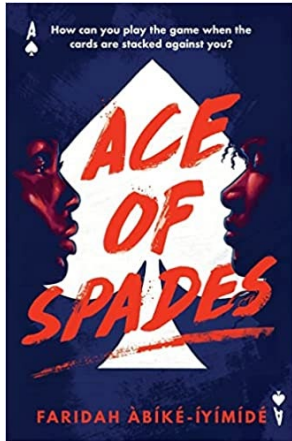


Year 7 Holiday Homework - ADT

Task: Redesign your favourite book cover!

The new book cover must be inspired by **your own favourite book**. It could include direct references from the book (so you will need to perhaps read it again!). You can produce your book in whatever material you like. This could be colour pens, pencils, or you could produce your book cover digitally!

It would be great for you to include a short review about what the book is about and why it is your favourite book. We would create a display of the best efforts! Try and complete this task on a plain sheet of paper, at least A5 in size.



Previous student example.

Year 8 into 9 Computer Science

Investigating Artificial Intelligence (AI) and its impact on society

Artificial Intelligence (AI) is technology that allows computers to perform tasks that normally require human intelligence, such as: recognising images, answering questions, translating languages and making recommendations.

AI is becoming a bigger part of everyday life. You will investigate how AI is used and consider both its positive and negative impacts on society.



Task AI in different industries

Research how AI is used in **one** industry, then use the sentence starters to introduce the industry, explain how AI is used and benefits. Select from the list below.

healthcare

sport

gaming

transport

retail

finance

entertainment

Introducing the industry

AI is used in the ... industry to...

One way AI is used in... is...

People working in... use AI to...

Explaining how AI is used

The AI system can...

It works by...

The technology analyses...

The AI program collects information and then...

It can recognise patterns in...so that...

The system learns from data to...

[illegible]

Drama Year 7 into 8 Holiday Homework – Summer 2025

Melodrama fact file

Our first topic of the year will be melodrama. Melodrama is a mixture of two words- melody and drama.

Melodrama is a genre of drama that exaggerates plot and characters with the intention of appealing to the emotions. The form developed in France and Germany and consisted of short scenes with musical accompaniment.

Melodrama was popular until the beginning of the 1900's.

In the 1800s, watching a melodrama was as popular as going to the cinema is today.

Often the characters were stereotypes.

When people went to see a **Melodrama**, they would expect certain types of character to appear. The characters were:

- The Hero / The Heroine
- The Villain
- The Aged Parent
- Voice of reason
- The Loveable Rogue.
- Damsel in distress
- Sidekick to either the hero or villain



Activity 1

Fact Poster - Complete on next page

Create a poster that introduces the topic of melodrama, including as many of the facts and information listed above as possible. How will you use drawings and visuals to help you remember this information?

Activity 2

Body language used in Melodrama

Describe how you would use your body language to communicate the emotions below (see example).

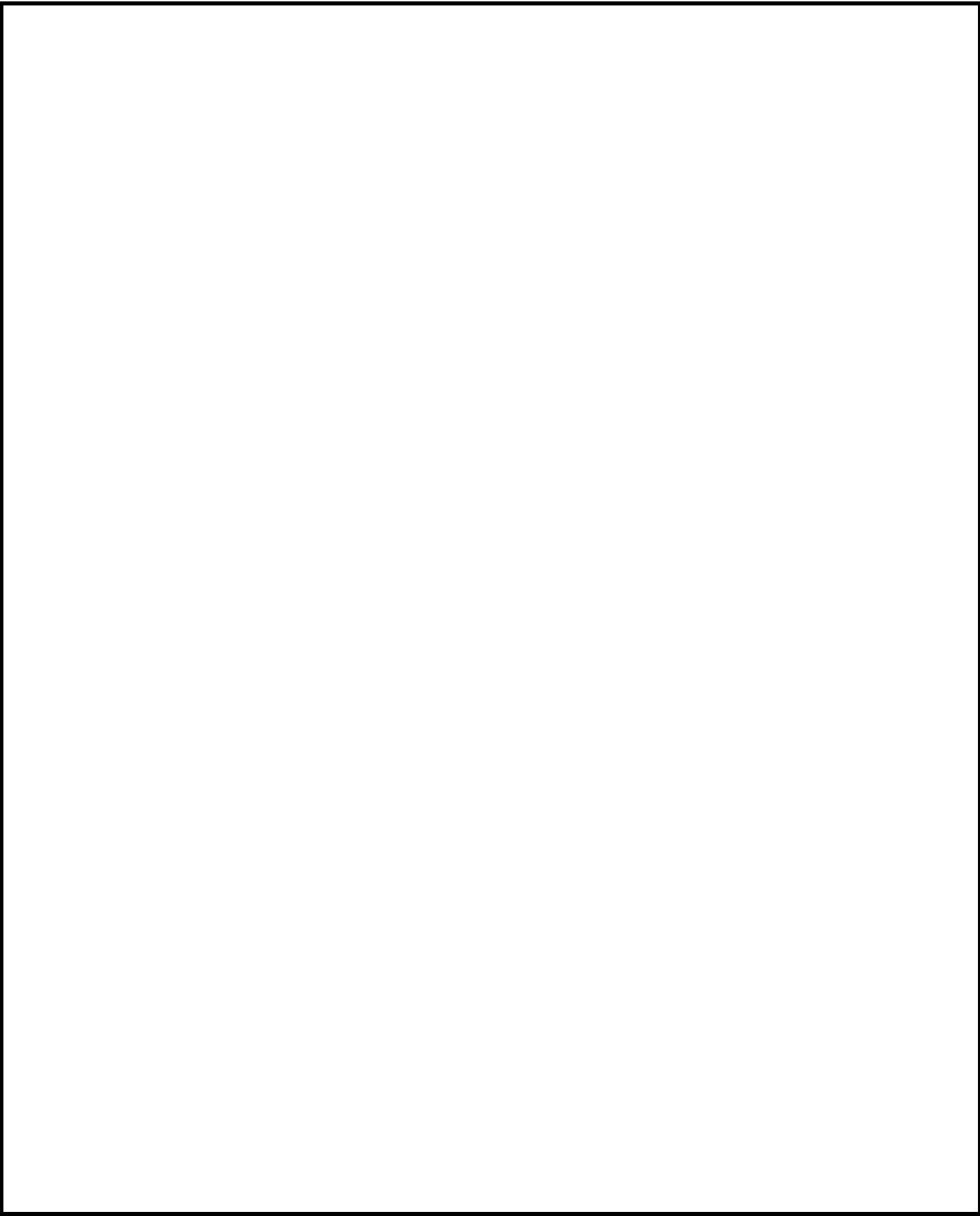
Grief – Head down, shoulders rounded, hands cupping the face. Raising the shoulders up and down, with a sobbing noise, is optional.

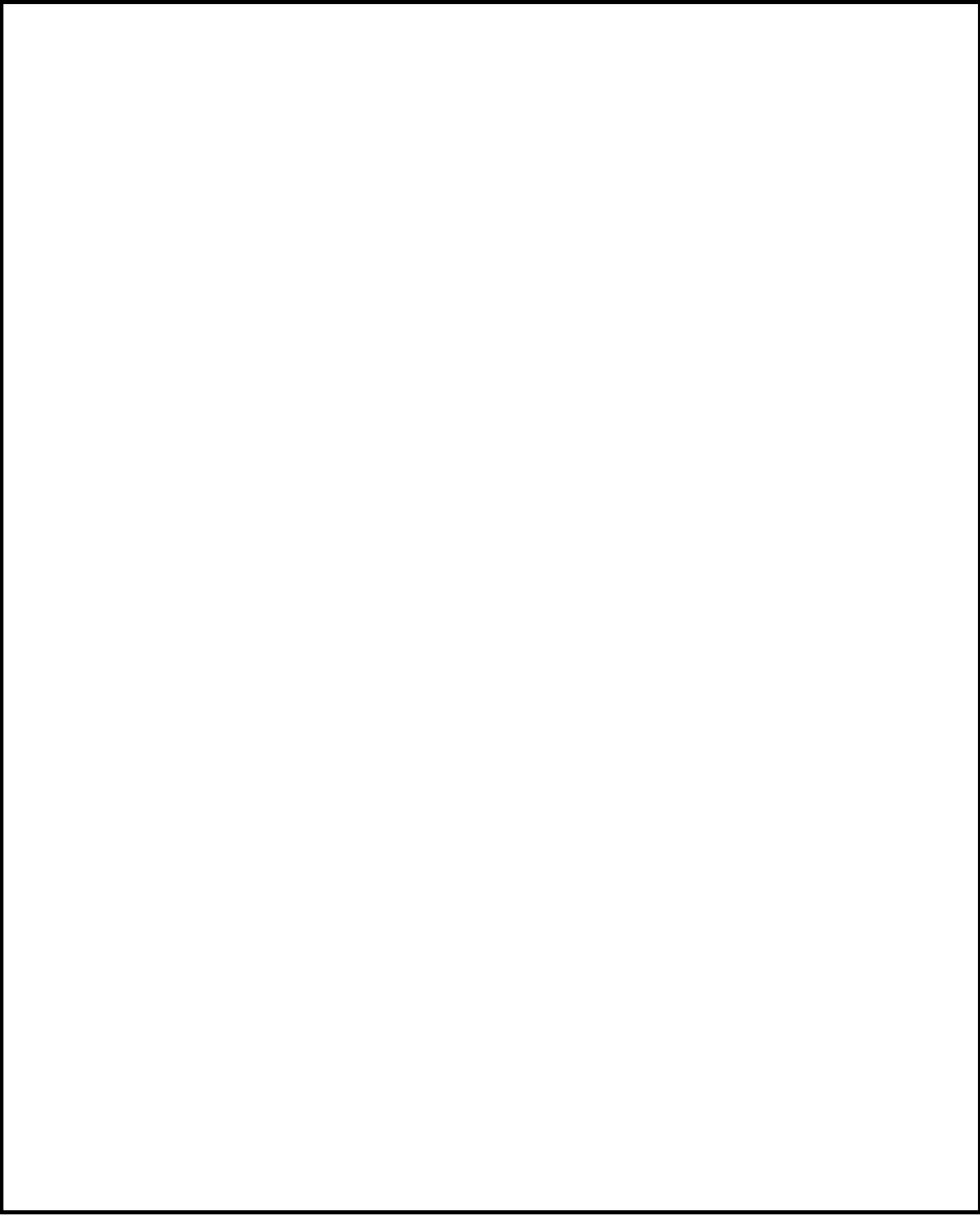
Fear –

Horror –

Love Expressed -

Evil Planning –





Summer Homework: 7 into 8

How well do you really know Africa?

Next year our first topic that we will be learning about is Africa. In order to prepare you for this your holiday homework will be focused on this amazing continent.

Choose an African country to study in depth. You are going to conduct a detailed investigation into the social, economic and environmental characteristics of an African country.

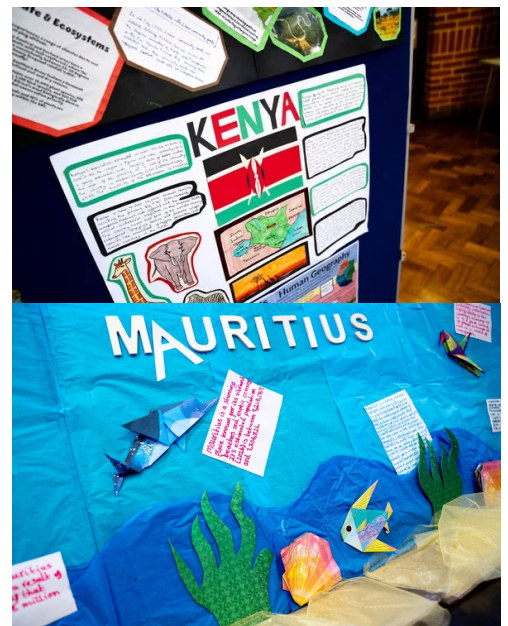
It is up to you which of the 54 countries that you are going to choose.

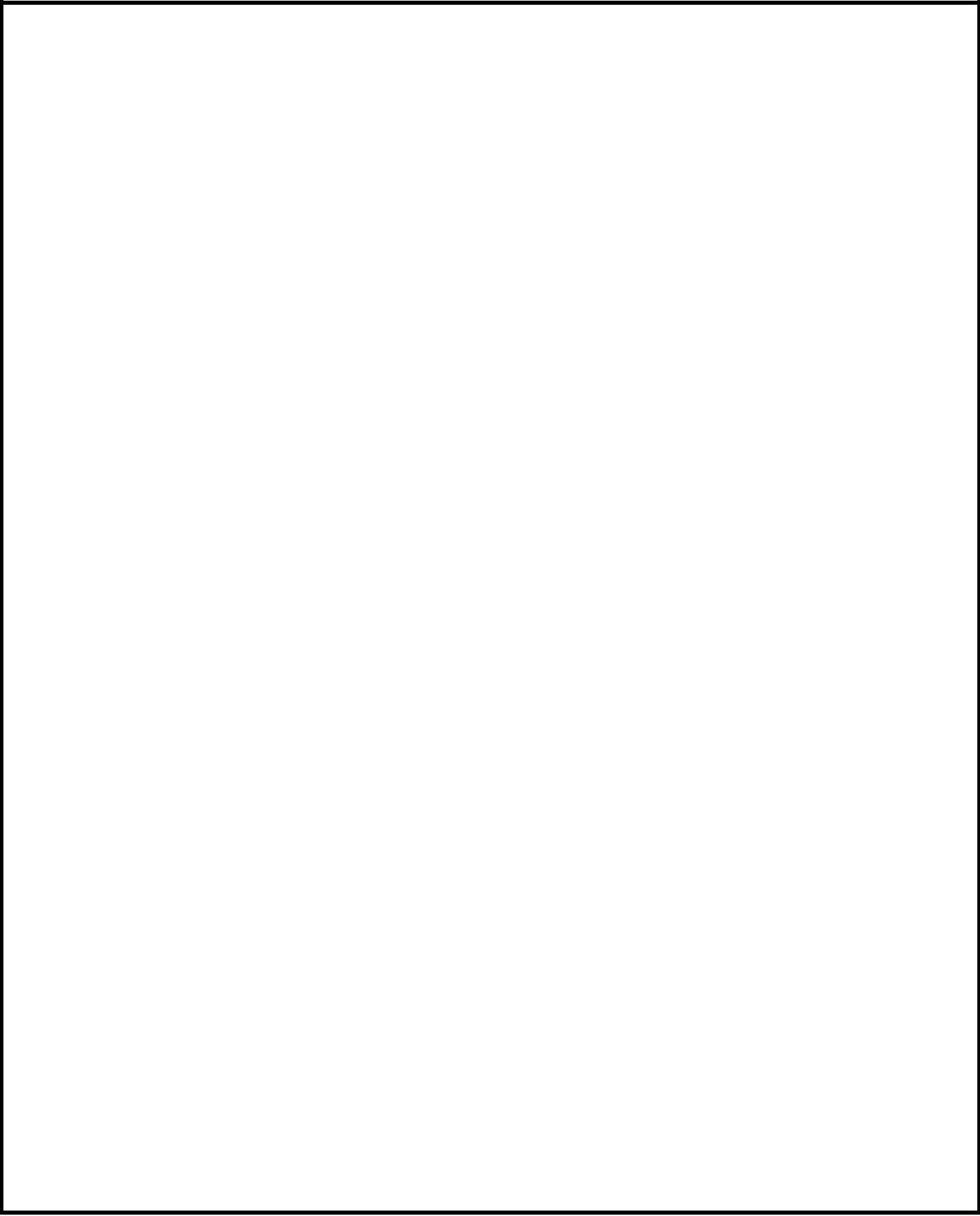
Be creative with your work, you can present your work as a travel brochure or a poster. The best homework will be awarded positives.

Success Criteria (things to include):

- Choose your African Country
- Include basic facts such as
 - Map and description of the country
 - Capital city
 - Population
 - Language spoken
 - Flag
- What is life like for the people of your country? (e.g. education, culture, or daily life).
- How does the country make its money? (e.g. major industries or mining for resources?)
- What is the landscape like? (e.g. biomes, deserts, rainforests, mountains)
- What is the climate like?
- Include any data or graphs that you have found and write a short summary about what they show.

Challenge task: Identify one major challenge that your country is facing (it could be deforestation, drought, plastic pollution, corruption). Think about what you learnt about in our 'sustainability topic'. Suggest one realistic way the country can tackle this issue and write a letter to the government. Remember in order to be sustainable you must help the environment and local people without costing too much money.





Year 7

HISTORY HOLIDAY HOMEWORK - THE TUDORS: POWER, PEOPLE & PERSONALITY

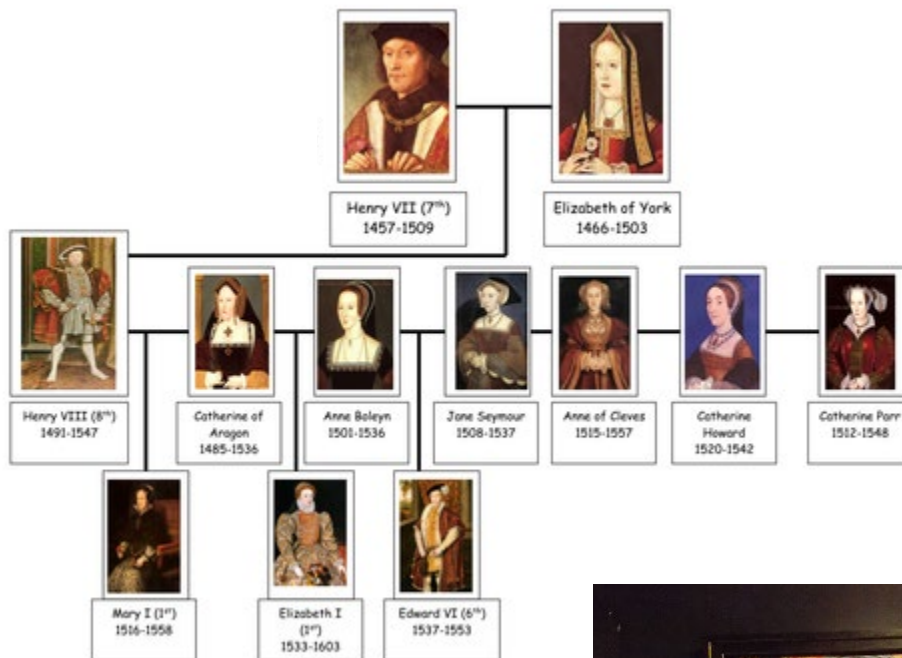
TASK: Draw your own Tudor Family Tree

Research the Tudors and create a colourful and detailed family tree of the Tudor dynasty (1475-1603). Include portraits, key facts and explain how they are all linked.



Scan this QR code to visit a useful website

A basic family tree is provided over the page. Use this or create your own. Remember to add pictures and a fact about each one.



Super star Challenge (optional):

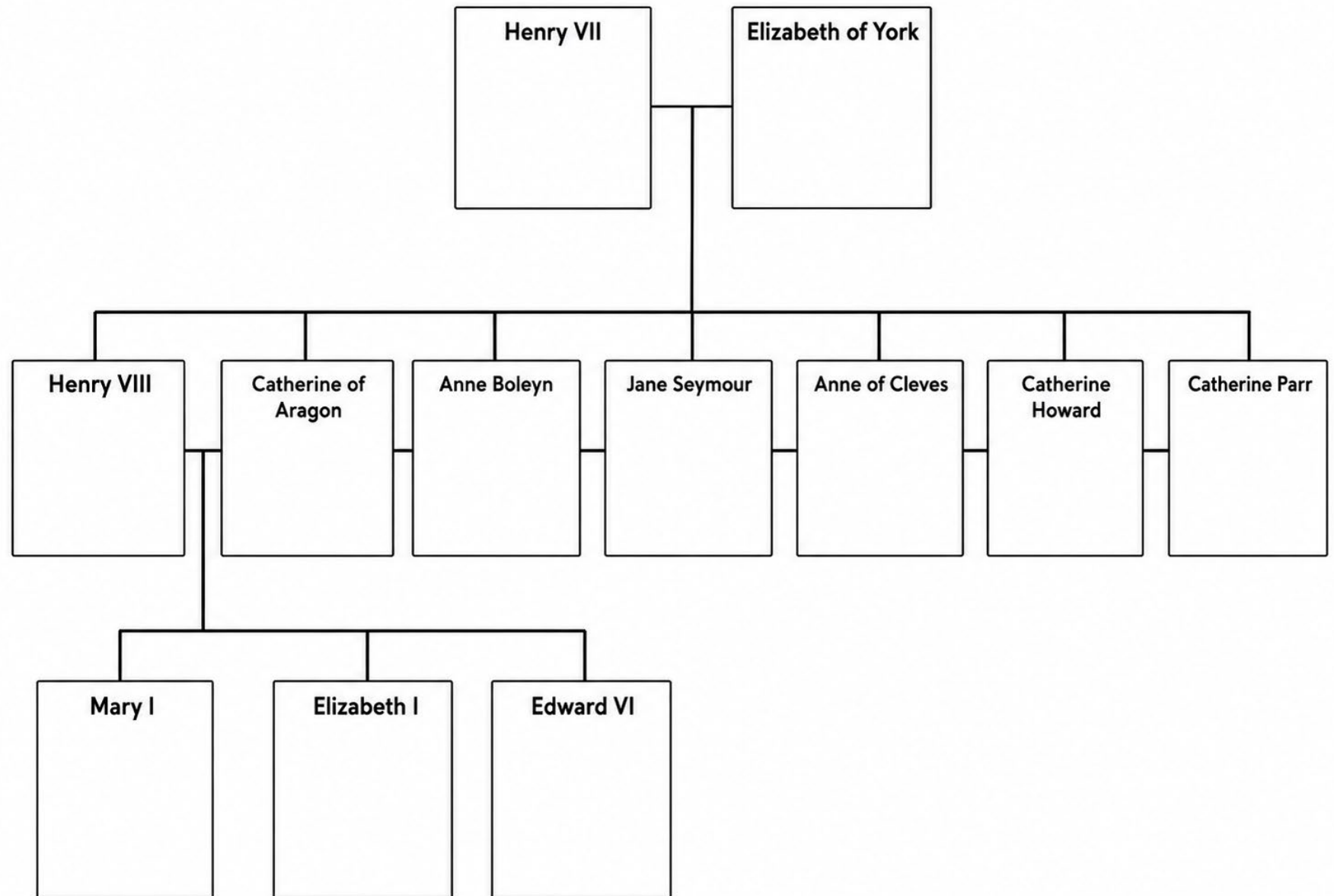
Visit the **National Portrait Gallery at Trafalgar Square** and take a picture of yourself next to one of the Tudor monarch's portraits. Show it to your teacher in September!



Take a picture of you here!



Name:



Spanish Year 7 into 8

Actividad (Activity) 1 : Read the 3 texts and complete the table below. Find as much information as you can about the questions in the 1st column.

1) Irene: Hola, me llamo Irene y vivo en Madrid con mis abuelos. Tengo quince años y mi cumpleaños es el cinco de mayo. No tengo hermanos, soy hija única. Sin embargo, tengo un perro. En mi tiempo libre me gusta ver la televisión pero odio escuchar música. Mi pasión es el fútbol y mi equipo favorito es Real Madrid. En el insti, me encanta la informática y el español, pero no me gusta el francés.	2) Alejandro: Hola, me llamo Alejandro y vivo en Santander con mis padres. Tengo catorce años y mi cumpleaños es el ocho de marzo. Tengo un hermano mayor. No tengo animales, pero me gustaría tener un gato. Mi pasión es el deporte y juego al rugby dos veces a la semana. En mi tiempo libre me encanta cantar karaoke pero no me gusta leer libros. En el insti, mis asignaturas favoritas son la historia y la geografía, pero no me gusta mucho la tecnología.	3) Carlos: Hola, me llamo Carlos y vivo en Granada con mis amigos. Tengo veinte años y mi cumpleaños es el veintitrés de enero. Tengo dos hermanas y un hermano. No tengo animales, pero mi hermana tiene una serpiente. En mi tiempo libre me encanta navegar por Internet y montar en bici. Aunque mi pasión es la música y toco la guitarra en una banda. En el insti, me encantan las clases de matemáticas y las ciencias, pero odio el teatro.
--	---	--

	1) Irene	2) Alejandro	3) Carlos
Where do they live? And who with?			
How old are they?			
When is their birthday?			
Do they have brothers and sisters			
Do they have pets?			
What are their hobbies?			
What are their passions?			
What are their favourite school subjects?			

Actividad (Activity) 2: Write a paragraph about yourself in Spanish, using the texts above to guide you.

Music Holiday Home Year 7 to Year 8

Michael Jackson – ‘Beat It’

Michael Jackson was an iconic American singer, songwriter, and dancer, often referred to as the **"King of Pop."** He was born on August 29, 1958, and passed away on June 25, 2009. Jackson gained worldwide fame as a member of the Jackson 5 during his childhood and later as a solo artist.

- **Musical Impact:** He revolutionized pop music with hits like "Thriller," "Billie Jean," "Beat It," and "Smooth Criminal."
- **Innovations:** Known for his distinctive voice, dance moves including the moonwalk, and groundbreaking music videos.
- **Awards:** He won numerous awards, including multiple Grammy Awards.
- **Philanthropy:** He was also known for his humanitarian efforts and support for various charitable causes.

If you do not have access to a piano or keyboard download a free piano app, eg: **Perfect Piano** or **Virtual Piano**, from the **Apple app** store, **Playstore** or practice technique using the keyboard on **Page 168 of your diary**.

Watch the video piano tutorial of Michael Jackson's 'Beat It'. Scan the **QR code** to watch the video.

The melody starts at 26 secs (green notes) <https://youtu.be/loVRFvp6UKY?si=7xbMmRmKb0x3Ot7> **QR below.**

Place your hand in a micro scale position on **G** - note pattern **1** then micro scale on **D** - note pattern **2**.

Task 1 - Practice the melody of ‘Beat It’.

Note pattern 1

Verse 1: 5-Fingers from G

3 3 3 2 3 2 3 5 3 2 3
They told him: "don't you e-ver come a-round here"

3 3 3 3 3 3 2 1 2 1 3
Don't won - no see your face you bet-ter di - sa - ppear

3 2 1 2 2
The fire's in their eyes

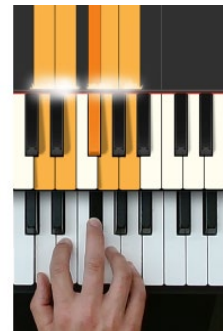


Note pattern 2

Verse 1: 5-Fingers from D (F sharp)

2 2 3 2 1 1
And their words are real clear

2 4 2 2
3 1
Just beat it Just beat it



Practice many times to perfect.

Task 2 – Learn the Moon Walk

Watch the Moonwalk tutorial and practice the dance move.

<https://www.youtube.com/watch?v=pDTvgS2GMVo>

Scan The QR code for the video tutorial. **Practice many times to perfect.**

Beat It Keyboard tutorial



Moon Walk Tutorial



Yr 7 into 8 Activity Challenge

Your activity: create and complete your own 7-day fitness programme.

Look at the list below, select one of these to do each day for 15 minutes.

Discuss this first with a parent or carer as you may need adult support or supervision to do this safely.

- Walking
- Jogging
- Cycling
- Swimming
- Dancing
- Football
- Basketball
- Yoga
- Fitness circuit

Your own choices:

- _____
- _____

Complete the table below:

Day	Activity	Difficulty (1-5) where is the most difficult	Would you recommend this activity to a friend? Explain your reason.
1			
2			
3			
4			
5			
6			
7			

Yr 7 into 8 Activity Challenge

Reflection

Write a paragraph explaining:

- Which activity you enjoyed the most
- Which activity was the most difficult
- How exercise made you feel
- One fitness goal you want to achieve during Year 8

PSHE Character Curriculum Homework - Year 7 into Y8

Resilience

Resilience Role Model Fact File

Choose someone you admire who has shown **resilience** (never giving up, even when life is hard). This could be a real person from history, sport, music, business, art and fashion, science, or everyday life.

Do not copy and paste, the analysis of why you admire them is most important. Make your factfile one page including the following:

- 1. Name of the person with a visual of them and the dates of birth/death, where they were born.**
- 2. Explain what they are famous for?** (e.g protesting for change, fundraising, drawing awareness of issues).
- 3. Explain what challenge(s) they faced.**

Did they face **discrimination** (treated unfairly)?

Did they have a **disability**?

Did they grow up in **poverty** (with very little money)?

Did they struggle with **failure** or lack of **education**?

Did they get **treated badly by others** initially or were ridiculed (laughed at)?

- 4. Explain how they showed resilience**

What did they do to keep going?

What methods did they use to persist in spite of setbacks, challenges and people trying to undermine them?

- 5. Explain what they achieved**

Did they win awards? Make a discovery? Help others?

- 6. Explain why you admire them and include inspiring quotes from them to back your points up.**

What inspires you about their story? What can you learn from them?



Year 7 into Year 8 RE- Religious Festivals News Report

Write a **newspaper report** about a religious festival, celebration, or event from ONE religion you have studied (or will study).

You can choose from:

- Hinduism (e.g. Diwali, Holi)
- Judaism (e.g. Hanukkah, Passover)
- Sikhism (e.g. Vaisakhi)
- Islam (e.g. Eid al-Fitr, Eid al-Adha)
- Christianity (e.g. Christmas or Easter)

Your news report should include:

1. Headline - Make it catchy and clear (e.g. *"Diwali Lights Up Cities Across the World!"*)

2. Introduction (Who, What, Where, When)

- What is the festival/event?
- Who celebrates it?
- When does it happen?

3. Describe what happens?

- How people celebrate
- Key traditions or rituals
- Special foods, clothes, or activities

4. Religious meaning

- Why is this festival important in religion?
- What beliefs or teachings does it connect to? Why is this festival important today?
- What can people learn from it?



Challenge - Include a "quote box" in your article layout. Interview somebody about their experiences celebrating your chosen festival. Add a journalist-style introduction like: "We

Headline:

[illegible]

Quote Box

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice. There are no margins, text, or other markings on the paper.