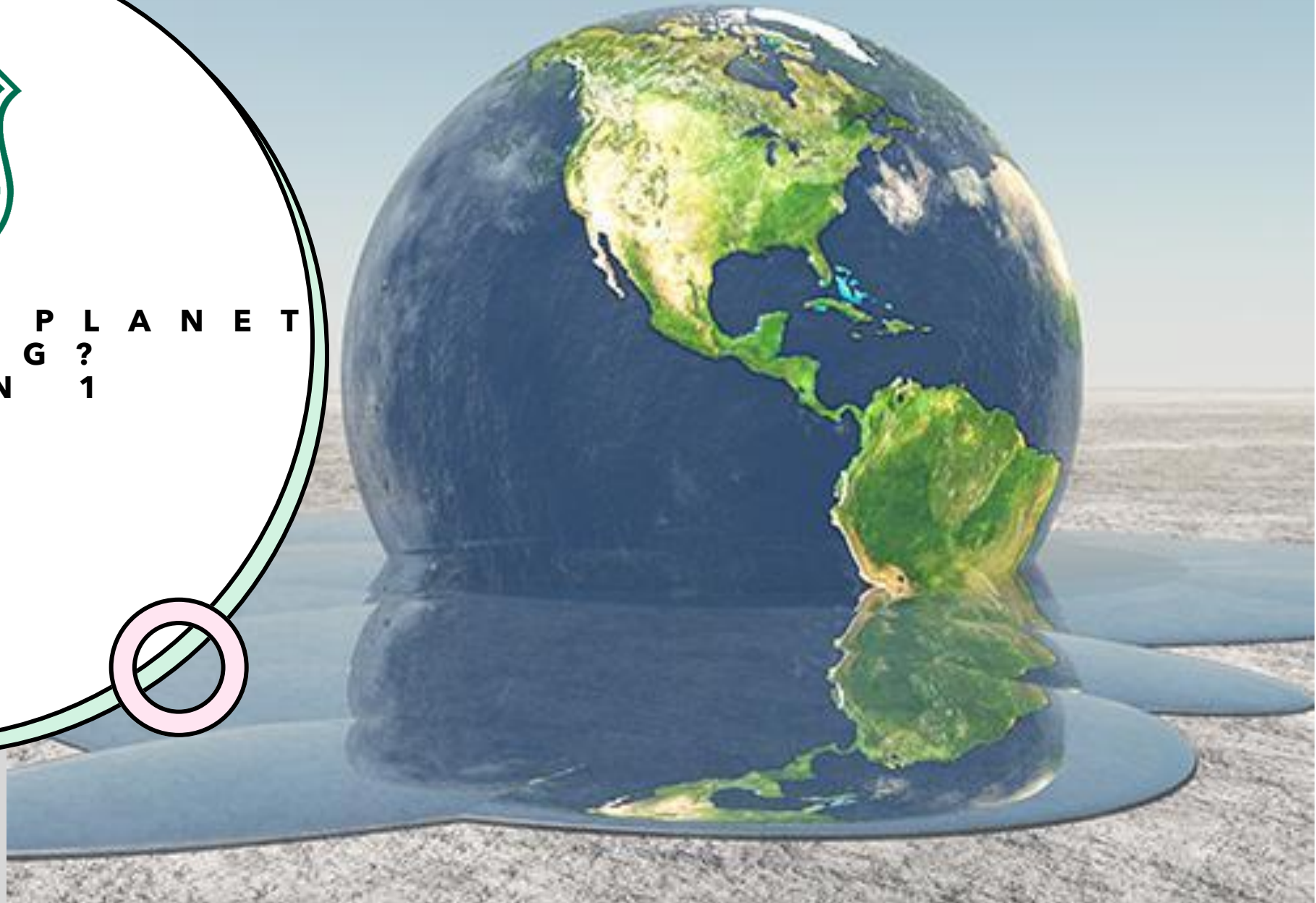




W H Y I S T H E P L A N E T
M E L T I N G ?
A U T U M N 1



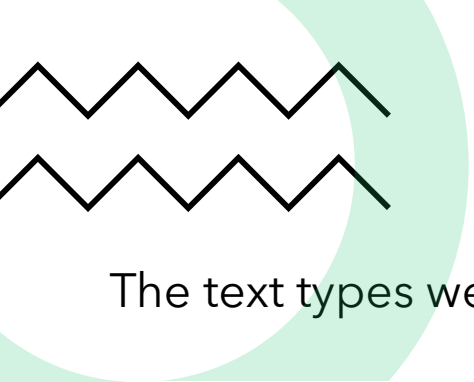


READING

We will continue to cover the discrete reading skills through a class book and topic specific texts:

- Vocabulary
- Infer
- Predict
- Explain
- Retrieve
- Summarise





WRITING

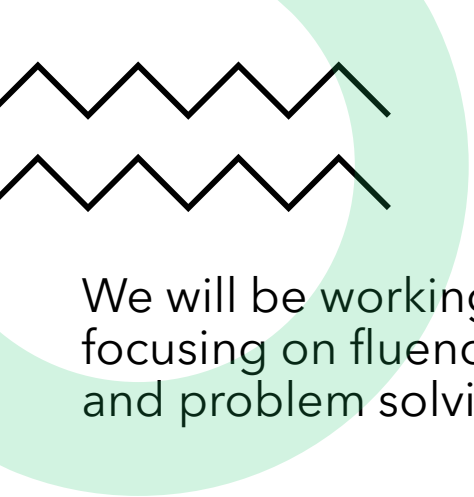
The text types we are learning about this half term are:

- Narrative writing - Based on our wordless book - "The depth of the lake and the height of the sky."
- A persuasive pitch - Non-fiction persuasive writing inspired by the book "Kids fight plastic".

Our grammar focus will be:

- Pronouns
- Expanding noun phrases
- Fronted adverbials
- Plural and possessive
- Relative clauses





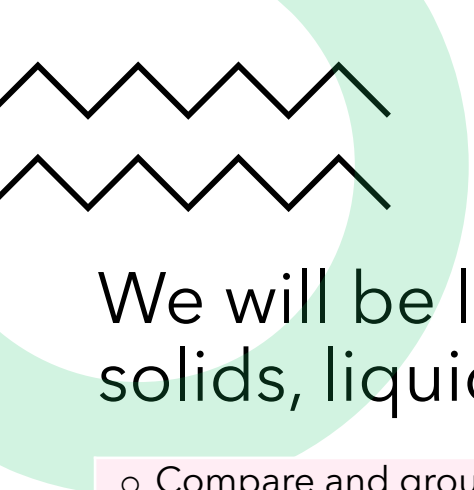
MATHS

We will be working through our year group maths units, focusing on fluency skills and then developing our reasoning and problem solving.

- Place value
- Addition and subtraction
- Multiplication and division

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SCIENCE

We will be learning about how can solids, liquids and gasses be separated.

- Compare and group materials on the basis of properties
- Give reasons for the particular uses of everyday materials
- Know some changes result in the formation of new materials, and that this kind of change is not usually reversible

-

1. Objects that are **transparent** allow all light through, objects that are **translucent** allow some light through and objects that are **opaque** allow no light through.
2. Materials that quickly transfer heat are **thermal conductors** and those that are slow are **thermal insulators**.
3. Some materials transfer electrical energy and these are called **electrical conductors**.
4. **Absorbency** measures how much liquid a material can soak up and keep.
5. If a change of **state** is **reversible**, the material can go back to it's original state.
6. 6. If a change of state is **irreversible**, the material cannot go back to it's original state.



GEOGRAPHY

- We will be learning about the climate zones, climate change and the Arctic.

We will be learning about the climate zones, climate change and the Arctic.

- What is climate and what are climate zones?
- Longitude and Latitude
- Why is it always cold in the Arctic?
- What is like to live in the Arctic?
- Why is the planet melting?
- Why is the Arctic melting and why does it matter?



1. Weather is the daily state of the atmosphere, or air, in any given place.
2. Climate is the average of weather conditions in an area over a long period.
3. The main world climate zones are polar, temperate, arid, tropical Mediterranean and mountains.
4. This climate changes naturally, but this process has been vastly accelerated by human activity such as transport, energy production, food production and heating.
5. The 5 main effects of climate change are: frequent and intense drought, storms, heatwaves, rising sea levels, melting glaciers and warming oceans.

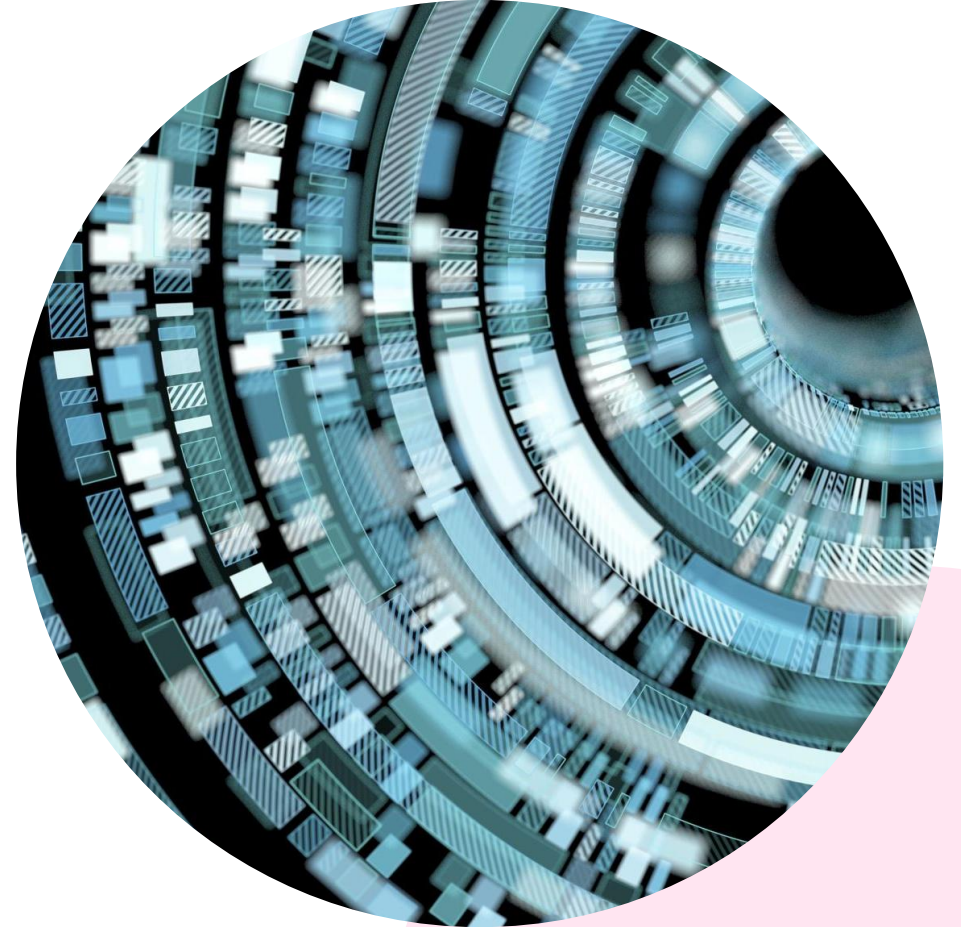




COMPUTING

We will be learning about creating digital media in the form of a video.

- Identify digital devices that can record video
- Analyse what makes a video effective
- Create a storyboard
- Discuss how to capture video using a range of techniques
- Explain that video can be improved through reshooting and editing
- Discuss the impact of the choices made when making and sharing a video
- Recognise that additional tools such as greenscreen can improve an output





PSHE

TEAM - Together Everybody Achieves More.

- I can talk about the attributes of a good team.
- I can accept that people have different opinions and know that I can politely disagree with others and offer my own opinion.
- I can compromise and collaborate to ensure a task is completed.
- I can reflect on the need to care for individuals within a team.
- I can identify hurtful behaviour and suggest ways I can help.
- I can understand the importance of shared responsibilities in helping a team to function successfully.



1. I dial 999 for emergency help.
2. Childline telephone is 0800 1111.
3. SMART acronym for internet safety means SAFE, MEETING, ACCEPTING, RELIABLE, TELL.
4. Collaboration is working together on an activity or project.



RE

- What does it mean if Christians believe God is holy and loving?

- I can explain connections between biblical texts and Christian ideas of God, using theological terms.
- I can make connections between Bible texts studied and what Christians believe about God.
- I can show how Christians put their beliefs into practice in worship and weigh up how biblical ideas and teachings about God as holy and loving might make a difference in the world today.



1. Christians believe that God is omnipotent, omnipresent, omniscient and eternal.



FRENCH

We will be recapping previous learning and then learning the seasons of the year in French.

- Name, recognise and remember all four seasons in French
- Say which is our favourite season in French
- Say why it is our favourite season in French
- Start to recognise and use the conjunction 'et' (and) in our spoken and written responses





P E

We will be learning about:.

FOOTBALL

- Step 1: To confidently pass accurately.
- Step 2: To choose when to dribble, when to pass and when to shoot.
- Step 3: To defend in a team.
- Step 4: To compete in small sided games.
- Step 5: To mark a player to stop them getting the ball.
- Step 6: To decide on ways to defend in games.

HANDBALL

- Step 1: To pass/ send a ball whilst on the move.
- Step 2: To shoot with accuracy.
- Step 3: To pass the ball over different distances whilst moving.
- Step 4: To choose positions to help when attacking.
- Step 5: To move with speed and purpose.
- Step 6: To play modified games against others.





MUSIC

This listening unit is based around the Gospel song *Why we sing* by Kirk Franklin. The song originally comes from the album *Kirk Franklin and the Family* from 1993,

Lesson 1: Learn about Gospel songs and spirituals.

Lesson 2: Singing in a Gospel style – phrasing and articulation.

Lesson 3: Exploring Gospel music further.





We will be reading a series of texts relating to elements of our topic. Also, we will be reading the 'The Depth of the Lake and the height of the sky' linking to our topic of writing.



We will have our Year 5 camp to Porth pean.



We will be listening to instrumental music to celebrate music from around our amazing planet.



We will celebrate the diversity within our classroom in PSHE and learn how every good team is made of diverse individuals.



We will investigate how different materials have properties that can be useful to specific tasks

