

Year 5 Home learning task beginning Autumn 2025/ 2026

These are your tasks for the whole term. Every week you are expected to read a minimum of three times a week, practise your spellings and timetables and complete any maths or English tasks that are provided.

Remember – there are activities on Google classroom, Oxford Owl, Purple Mash and Times Table Rockstars. Thank you

Science:

This term we will be learning about:

Forces - We will learn about the forces of gravity, friction and resistance and will investigate how some mechanisms such as levers, pulleys and gears allow smaller forces to have a greater effect.

Earth and Space - We will focus on the movement of the Earth and other planets within the solar system, the movement of the moon in relation to the Earth and how day and night occur.

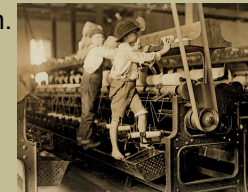
Make a replica of the solar system.



History:

This term we are going to learn about:

The Industrial Revolution - We will be learning about what life was like in Blackburn during the industrial revolution including what caused the industrial revolution and the lasting impact it had in North West Britain.



Put yourself in the shoes of a factory worker and write a diary entry of your time working as a child in the cotton mills including the harsh working conditions.

Art and Design Technology

This term we are going to learn about:

Typography- We will be experimenting with different fonts and letter styles, using cut and collage techniques to make word art and arranging everyday objects to form letters.

Gather a range of letter/ fonts and create a collage of the alphabet (see image).



In DT, we will be finding out about different fairtrade foods and recipes. We will be researching, designing and making a fairtrade food product.

With an adult, make a fairtrade food item e.g. baking, using fairtrade flour.

Geography:

This term we are learning about where our food comes from including how they reach our supermarket shelves and why we should consider food miles when buying a product. We will learn about what we mean by Fairtrade and the process of importing and exporting foods from different countries and why we might need to do this e.g. certain climate zones allow for certain foods to be produced.



Go shopping with your parents/ carers and encourage them to buy a couple of fairtrade items. Take a picture or keep the packaging and make a fair trade leaflet encouraging others to do the same.

PSHEC:

This term we are going to learn about:

Aspirations.

Tell me about what you aspire to become when you are an adult. Which skills would you need?

Send me a video of yourself on Class Dojo telling me about your skills and why you think you would make a good employee.

RE:

This term we are going to learn about:

What values do you consider to be important?

Create a poster outlining values important to you and why you consider them important.

Year 5 Home learning task beginning Spring 2025/ 2026

These are your tasks for the whole term. Every week you are expected to read a minimum of three times a week, practise your spellings and timetables and complete any maths or English tasks that are provided.

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Science:

Children will focus on the properties and uses of everyday materials, will form reversible solutions, separate mixtures of different materials using a range of methods, and experiment with reversible and irreversible changes of state.

The Great Change Challenge: Reversible vs. Irreversible

Your Mission: To act as a scientist at home and perform two different "changes." You will need to observe closely and decide which one is reversible and which one is irreversible:

The "Melting" Mystery

You will need: An ice cube and a small plate.

1. **The Action:** Place an ice cube on a plate in a warm room.
2. **Observation:** Watch it for 10 minutes. What happens to the shape and state (solid/liquid) of the water?
3. **The Test:** If you put the plate with the melted water back into the freezer, what would happen?
4. **Scientific Conclusion:** Is this a **reversible** or **irreversible** change?

The "Fizzy" Reaction

You will need: A small cup, some vinegar, and a teaspoon of bicarbonate of soda (baking soda).

1. **The Action:** Put 2 tablespoons of vinegar into the cup. Add 1 teaspoon of bicarbonate of soda.
2. **Observation:** What do you see and hear immediately? (Look for bubbles and fizzing).
3. **The Test:** Once the fizzing stops, can you get the original white powder and the clear vinegar back exactly as they were?
4. **Scientific Conclusion:** A new material (a gas called Carbon Dioxide) was created. Is this **reversible** or **irreversible**?

History:

This term we are going to continue learning about:
The Industrial Revolution.

Go to Blackburn Museum and explore the different machines that were used to make fabric. Research an invention from the Industrial Revolution.

What did Blackburn look like in the 1700s?

Write a diary from the point of view of a child working in a factory during the Industrial Revolution. Ask your parents to record you acting out a scene from Oliver Twist. Share the video on Google classroom.

Art and Design Technology

DT: We will be exploring the question- How can we make a model to show how a planet rotates?
Can you create an interactive 3D model of how a planet rotates using mechanisms?



Art: Mixed Media Land and City Scapes.

Task: "Window View"

Look out of a window at home and draw the cityscape or landscape you see.

The Goal: The aim isn't "neatness"; it is to capture the movement of the clouds, the trees, or the traffic using gestural, hurried marks.



Geography:

We will be locating the world's countries using maps to focus on countries along the Mediterranean like Greece. We will learn about physical and human characteristics. Research information about Greece. Flag, food, population and the landscape.

I would like you to make me a globe and include the seven continents. In Europe, I would like you to label the United Kingdom (England) and Greece. Remember to label the seas and oceans



PSHEC:

This term we will focus on Aspirations: Tell me about what you aspire to become when you are an adult. Which skills would you need?

Send me a video of yourself on Google Classroom telling me about your skills and why you think you would make a good employee.

We will also learn about physical and mental health and wellbeing. We will learn what constitutes a healthy lifestyle and the importance of balancing time online with other activities.

Could you make a diary of your lifestyle?

What do you eat every day? How much exercise do you do every day? What do you do to look after your mental health?

RE:

It will be Easter in a few months. Prepare for it by completing one of these activities: Retell the Easter story

Or

Make an Easter bonnet – (wait for the newsletter for more detail)

