

Year 6 Home Learning Summer 2

This half term, children are invited to complete a range of home learning tasks linked to the curriculum and the learning taking place in class. While you are welcome to complete as many tasks as you like, we ask that you complete at least two tasks across English and Maths as well as **all curriculum tasks**.

Please ensure all home learning is completed by X in preparation for our end of year Home Learning Showcase. A specific date will be shared shortly via school spider, when parents and carers will be invited into school to view and celebrate the children's home learning.

English		Maths		Other Curriculum Subjects	
	Choose a character from Hansel & Gretel and write a description about them.		Continue to complete nuggets in all areas of the maths curriculum - remember to aim for 80% of better. Which class will top the table each week?		Art: Scaling up To prepare for our whole school Art Day complete the scaling up drawing task being as creative as possible! More information on the next page.
	Create a cartoon strip based on a moment from Hansel & Gretel or one of your own ideas.		Real-life Maths Calculate how many different sized angles you can find in your home. Record your findings in a table with the headings: acute, obtuse, straight and reflex.		Production: Robin and the Sherwood Hoodies Time to perfect that performer inside you by going over your lines for the production. All lines must be memorised - no scripts allowed on the day!
	Complete a variety of nuggets on Reading to boost your knowledge of the reading domains.		Fractions of Amounts Create a receipt for a Victoria Sponge Cake using fractions of amounts for each ingredient - be creative with how you present your findings.		Production: Singing Practice all the songs from the show which can be found on YouTube. https://www.youtube.com/watch?v=6jCKHJQE3WQ&list=PL1Kqo2QQkuJcm8Qtcla7-UAjw5GTYYruk
	Complete a variety of nuggets on Vocabulary to boost and test your knowledge.		Real-life Maths: Budgeting You earn a salary of £1500 each month, 65% of that goes on your five monthly bills: electricity, internet, water, council tax and car. Work out how much money you can spend on food each month while saving for £50 each week for your next holiday.		Production Dances If you are involved in the dances for your production this is your chance to shine by practicing them at home.

Creative Curriculum Project- THIS IS COMPULSORY

Create a diorama showcasing the different types of energy we use: renewable and non-renewable sources

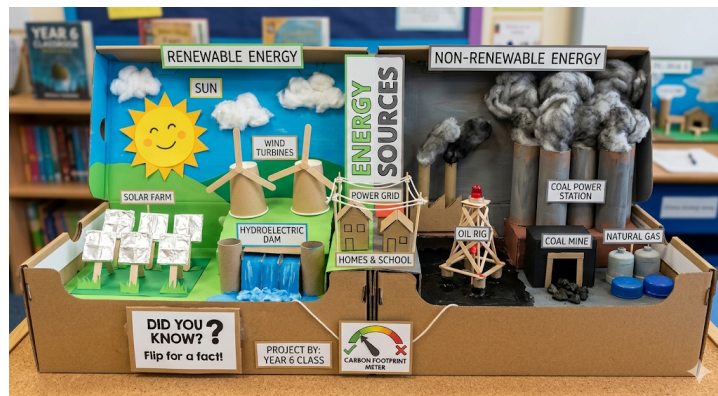
Your task is to build a spectacular, 3D **Energy Diorama** in a shoebox that showcases the two major types of power we use on Earth: **renewable** and **non-renewable** energy sources. You will use recycled materials and crafts to model how we capture energy from nature, and how we burn fossil fuels.

What to include

- **The Great Divide:** Split your shoebox into two distinct halves—one side representing clean, **renewable energy** (the green, bright future) and the other representing **non-renewable energy** (the industrial powerhouse).
- **Key 3D Features:**
- **On the Renewable Side:** Build mini wind turbines (that can actually spin!), a solar panel farm made of shiny materials, or a hydroelectric water dam.
- **On the Non-Renewable Side:** Construct a fossil fuel power station with cooling towers, an oil rig, or a coal mine.
- **Clear Labels:** Use small flags or signs on toothpicks to define key terms: *Renewable, Non-renewable, Solar, Wind, Hydroelectric, Coal, Oil, and Natural Gas*.
- **The "Power Grid":** Use string or wool as power lines to show how electricity travels from both sides of your box to a tiny model school or house in the center.
- **Fun Facts:** Attach a "Did You Know?" flip-flap card to the outside of the box with an amazing energy fact (e.g., "Did you know that one wind turbine can power up to 1,500 homes for a whole year?").

Challenge Ideas

- **The Carbon Footprint Meter:** Create a moving cardboard dial on the front of your box that points from "Eco-Friendly" to "High Pollution" depending on which energy source is being used.
- **Light it Up!:** Work with a partner or teacher to wire up a simple, real electrical circuit using a battery and a tiny LED light bulb to make your model house light up.
- **The 2050 Prediction:** Write a short paragraph on the back of your box predicting which type of energy will dominate the UK by the year 2050 and why.



Weekly non-negotiables and reminders

Remember to:

- **Read your reading book** at least five times a week and ensure an adult signs your reading record/homework diary weekly.
- Complete **weekly online Maths learning** (Century AI and TTRS if needed)
- **Practise your weekly spellings** in your home learning books
- **Practise your lines and songs for the production**
- PE days: Mondays (Forest School) Tuesdays (swimming for most children) and Wednesdays (outdoor)
- Enrichment this half term: Year 6 Production: Robin and the Sherwood Hoodies

Year 6 Home learning Task: Scaling Up & Mixed Media Art

In Preparation for Art Day on Tuesday 16th June

The Challenge

Your task is to take a small drawing or picture of an animal and **scale it up** into a larger masterpiece! You will be using different artistic mediums and textures to bring your animal and its habitat to life. Think about the environmental messages we've been looking at (like *"Every species matters"* or *"We are counting on you"*). Your artwork should celebrate nature and the animal kingdom!

Choose Your Techniques

Look at the table below to decide how you want to build your artwork. Different materials work best for different parts of your picture:

Technique	Best used for
Newspaper collage	Animal bodies, textures, backgrounds
Tissue paper collage	Leaves, flowers, sky, water
Painted background + black silhouette	Strong visual impact
Oil pastel and watercolour	Colourful habitats
Paper mache	Raised 3D elements
Coloured card collage	Bold shapes and patterns
Chalk pastels	Blended skies and sunsets
Natural materials	Bark, leaves, textured surfaces

Your Art Supplies Checklist

To complete this project, think about what you have available:

- **Available at School:** We will provide **paint, glue, chalk pastels, oil pastels, coloured pens and pencils.**
- **Bring from Home (Optional):** If you want to add extra detail, you are highly encouraged to bring in supplies from home!
 - *What you CAN bring:* Felt-tip pens, writing pencils, old newspapers, magazines, tissue paper, scraps of coloured card, or natural materials (like dried leaves or twigs).
 - *Please note:* **Do not** bring paint from home.
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Step-by-Step Instructions

1. **Select & Sketch:** Choose an animal. On your large paper, carefully sketch your animal, scaling it up so it fills the page. Don't forget to sketch the habitat in the background!
2. **Plan Your Mediums:** Decide which parts will be painted, which parts will use coloured pencils, and what textures you want to add. (e.g., *Will you use newspaper collage for a tiger's stripes? Will you use paint for a bold silhouette?*)
3. **Layer Your Artwork:** Start with your background layers (like paint or sky blending) before gluing down 3D textures, collage elements, or natural materials on top.
4. **Add Final Details:** Use your pencils or pens to add sharp outlines and fine details to make your animal pop!

Good luck, and get creative!

