



Yew Class Homework Menu

This term, we continue to set project homework. This menu details a range of fun activities including oracy activities that can be completed at home to extend your child's learning. Please help your child to choose and complete a selection of these activities. To fit in with your family life, they can be completed after school, at weekends or as a half-term project. If you would like further suggestions, please feel free to select from the homework menus of other classes which are all available on the school website. Children are asked to share at least one of the activities with us in school. **The deadline for this homework is Wednesday 11th November** and we ask that the homework is not brought into class until after half-term.

English – Creative writing

Story Starter

Write a short story starting with: *"As soon as I opened the old, creaking door, I couldn't believe my eyes..."* Focus on imaginative ideas and descriptive language. Try to show emotions through actions and dialogue, without naming the emotion.

Design & Technology - Joining Fabrics

- **Stitch Detective:** Find three different ways fabrics are joined. Draw or photograph them and explain how they work.
- **Design It:** Design a useful fabric item such as a pencil case, pouch or bag. Label the materials, joining methods and fastenings.
- **Make It:** Create your fabric design using old clothes or scrap materials.
- **Stitching Challenge:** Learn three different stitches and explain when each one could be used.

Suggested Reading List

Science - *The Way Things Work Now* — David Macaulay
Science - *George's Secret Key to the Universe* — Lucy & Stephen Hawking
Geography - *The Boy at the Back of the Class* — Onjali Q. Raúf
Geography - *The Journey* — Francesca Sanna
Art - *The Dot* — Peter H. Reynolds
Art - *The Most Magnificent Thing* — Ashley Spires
For pleasure: *The Wild Robot* — Peter Brown; *Rooftoppers* — Katherine Rundell; *Wonder* — R. J. Palacio; *Skandar and the Unicorn Thief* — A. F. Steadman.

Science – Unbalanced Forces

Challenge 1: The Great Ramp Investigation

Build a ramp using books, cardboard or a piece of wood. Investigate and record how changing the height or surface affects the movement of a toy car.

Challenge 2: Forces in the Real World

Find and photograph/draw five examples of unbalanced forces in everyday life. For example: A cyclist braking, a football being kicked, a swing moving, a kite flying or a car accelerating. For each one, identify the forces acting and explain what causes the movement to change.

Challenge 3: Forces at the Fair!

Choose a fairground ride and investigate the forces involved. Draw and label the ride, showing where pushes, pulls, gravity and friction act.

Art - Installation Art

-Create a Mini Installation: Use everyday or recycled objects to create an installation around a theme such as nature, space or the future. Photograph and explain your idea.
 -Art in an Unusual Place: Design and label an installation for a park, school, library or town centre.
 -Found Materials: Create an artwork using only recycled or unwanted materials. Explain how the materials have been transformed.
 -Local Art Hunt: Visit a gallery or public space and find an example of installation/3D art. Sketch it and explain how it uses space, materials and the environment.

Geography – Exploring Population Changes

Challenge 1: Population Detective

Choose a country and investigate how its population has changed over the last 50–100 years. Find out: What is the population now? What was it 50 years ago? Why has it changed? Where do most people live? What factors influence population growth or decline?

Challenge 2: Why Do People Move?

Investigate one example of migration. Explain the push and pull factors that caused people to move. You could create a map showing: Where did they come from? → Where did they go? → Why?

Challenge 3: Cambridge in 2050

Imagine Cambridge in 2050. How might population growth change the city? Consider: Housing, roads and transport, schools, green spaces and shops. Create a labelled map of 'Cambridge in 2050.'

Possible Family Trips & Visits

Cambridge Science Centre – Forces, movement and science.
Whipple Museum of the History of Science – Science, inventions and history.
IWM Duxford – Forces, flight, engineering and history.
Museum of Cambridge – Local history, population and census links.
Kettle's Yard – Installation art, textiles and creative design.
The Fitzwilliam Museum – Art, sculpture and design.
Cambridge Museum of Technology – Engineering, technology and changing communities.
Museum of Archaeology and Anthropology – People, migration and population change.
Sedgwick Museum of Earth Sciences – Earth science, fossils, rocks and how environments have changed over time.