



## Pine Class Homework Menu

Last year's Homework Project resulted in an incredibly high standard of homework across the school. In the individual presentations, teachers and pupils learnt so much from each other. This term, we continue to set project homework. This menu details a range of fun activities including Oracy project 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 will be asked to share at least one of the activities with us in school. The deadline for this homework is **Wednesday 11<sup>th</sup> November** and we ask that the homework is not brought into class until after half term. We very much look forward to seeing the work.

### Science

- Become a *Magnet Investigator* with 10 objects you have at home. Predict whether each object will be attracted to a magnet, test it and record your results.
- Investigate different surfaces to see how they affect how far an object travels. Roll a toy car down a ramp onto carpet, wood, a towel, cardboard etc. Record your results and explain which surface produced the most/least friction and why.
- Create a water-cycle model or diagram showing evaporation, condensation and precipitation. You could create a comic strip that shows the journey of a water droplet as it goes through the water cycle.

### Suggested Reading List

- Rosie Revere, Engineer – Andrea Beaty
- The Iron Man – Ted Hughes
- A Drop Around The World – Barbara Shaw McKinney
- The Great Pet Sale – Mick Inkpen
- You Wouldn't Want To Be A Tudor Schoolchild! – Ian Graham

### English

Design and decorate your own **magic box** and decide what special or important things to put inside. Write a short free verse poem describing the objects, the box and what you would use it for.

Choose an interesting setting and become a **setting detective**. Record what you can see, hear, smell, touch and perhaps taste, then write a vivid setting description using expanded noun phrases and powerful vocabulary.

*How have children's lives changed?*



*Who lives in Antarctica?*

### History & Geography

Investigate what school was like for children in the past. You could ask grandparents or older friends and compare rules, lessons, equipment, uniform, discipline, the school day and playtime.

Research Antarctica and create a quiz to play. Questions could cover location, climate, animals, ice, human activity, Shackleton and physical features.

### Mathematics

Create a family board game where players must solve questions involving addition, subtraction, multiplication, rounding etc. How will a player win?



Create a Timestable Town where each building represents a multiplication fact e.g. the building has 4 rows of windows with 3 windows in each row = 12 windows.

### Art & DT

Draw a portrait where one side of the face is in light and the other is in shadow. Experiment with pencils to create highlights, dark shadows and gradual shading.



### Suggested Family Trips & Visits

- Cambridge Science Centre
- Imperial War Museum Duxford
- Museum of Cambridge
- St Neots Museum
- University Museum of Zoology
- The Polar Museum