

Oak Class Homework

Ongoing homework

Children in Oak Class are expected to complete the following activities as ongoing homework throughout the whole year:

- Regular reading practice with levelled reading books from school – these can be changed daily as long as a comment has been written in reading records to confirm that the book has been read.
- Regular reading for pleasure with books selected from home, or access to Reading Plus.
- Regular spelling practice for weekly spelling tests – tests will take place on a Monday morning. Practice activities can be accessed via Purple Mash website, or you could try any of the activities on the spelling activity sheet.
- Regular access to Times Tables Rockstars to improve speed and recall of multiplication and division facts.

Login details for Purple Mash and Times Tables Rockstars are stuck inside children's reading records.

Year 4 Presentations

Year 4 pupils will be asked to make a short presentation each half term on a chosen topic. The presentation should be prepared at home and can include props or a slideshow. It can also just be a spoken presentation with no additional features. Children should aim for the presentation to last 2 or 3 minutes and they are encouraged to practise at home to work on skills such as looking at their audience, speaking loudly/clearly and making the presentation engaging.

For this final half term, the children are welcome to give a presentation on a topic of their own choosing. I have suggested that presentations should be based around a topic of interest to the children and something which they think others will find interesting – this could be a hobby, an interest, a film, a piece of music, a piece of art, a sport, a game, etc. Children should be able to talk about why they have chosen this as the topic of their presentation as well as presenting it in an engaging way.

Presentations will take place on Thursday 17th July.

Optional homework activities – Physical Features of Our World

These are some ideas and suggestions for optional activities or work you might like to do at home with your child, related to our topic this half term. Work can be submitted by the children at any time this half term and will be displayed in the classroom. This list is not exhaustive so if you have your own ideas, please do create your own projects!

English

- Create a poster which convinces others of the importance of conserving our planet and all living creatures on it.
- Write a story about an animal going on a journey. What habitat would it travel from and where would it travel to? Which other animals might it encounter along the way?

Maths

- Measure the length of your shadow at different times over the course of the day. What do you notice? Why do you think this happens?

Science

- Consider the impact that light has on the growth of plants. Place seedlings in different locations around your home, with different levels of light, and record how they grow. What impact does the light level have on the growth of the plant?
- Create shadow puppets to tell a familiar story in a shadow theatre.

Art/DT

- Visit the [Wildfowl and Wetlands Trust website](#) and try any of the “make it” activities.
- Use some natural materials to make a piece of art. It could represent a real subject or could be completely abstract!

Geography

- Complete the attached water survey in your home to find out how much water your household uses each week.
- Have a go at the attached water cycle crossword.
- Complete any of the nature themed activities listed [here](#).

Computing

- Use Purple Mash to create an animation about the water cycle.
- Go to the “Geography” section on your Purple Mash account and access some of the water activities.
- Go to the “Science” section on your Purple Mash account and access the light and shadow activities.

Water Use Survey



Make a tally of how many times each event happens in your house in a week.

Activity	Water Used (Average)	Tally	Count	Water Used in a Week (water used x count)
Taking a shower	27 litres			
Taking a bath	80 litres			
Flushing a toilet	9 litres			
Washing face/hands or cleaning teeth	4 litres			
Getting a drink	1 litre			
Washing clothes in a washing machine	80 litres			
Washing dishes by hand	7 litres			
Washing dishes in a dishwasher	30 litres			
Washing car with a bucket	7 litres			
Washing Car with a hose	15 litres per minute			
Watering the garden with a hose/sprinkler	9 litres per minute			

At the end of the week, count up the totals. Multiply each total by the amount of water each activity uses on average. Write the answer in the last column.

Next, add up all the numbers in the total water used column.

My household uses _____ litres of water per week.

Where did you use most water? How could you reduce this amount?



Back at School:

Is your household water usage more or less than others in your class?
Can you explain why?

The Water Cycle Crossword

Use your knowledge of the water cycle to solve the clues and complete the crossword.

Clues

Down

1. Rain, sleet and snow are collectively called **(13)**
2. Water changing from liquid to gas is called **(5)**
3. When a liquid is heated it becomes a **(3)**
4. Air is humid when it holds lots of water **(6)**

Across

1. This star provides the energy to evaporate water from seas and rivers **(3)**
2. _____ occurs when a gas is changed into a liquid **(12)**
3. 97% of the world's water is found in these **(6)**
4. When a liquid becomes a gas, it _____ **(10)**
5. When a gas is cooled it becomes a _____ **(6)**
6. Cirrus, stratus and nimbus are all types of **(5)**

