



### Rowan Class Homework Menu

This term, we continue to set project homework alongside the Maths or English set each week. 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

- Write an adventure story set either in the mountains or on a river. How will the setting influence what happens to the characters?
- Watch a film or TV version of *The Wind in the Willows* and then write a review of it. What parts did you like or not like? Did the film create the right sort of atmosphere? How?
- Create an anthology of poems about rivers, mountains or the natural world. Explain why you have chosen each poem.
- Design a leaflet for tourists, including information, maps and pictures, for visiting Snowdon or another mountain. How will you use language to persuade people to visit?
- Write a set of instructions on how to build a model mountain.
- Find out about the life of Carl Linnaeus, David Attenborough or Jane Goodall and write a short biography about him/her.

#### Suggested Reading List

- *Journey to the River Sea* by Eva Ibbotson
- *The Adventures of Huckleberry Finn* by Mark Twain
- *The Wind in the Willows* by Kenneth Graham
- *King of the Cloud Forests* by Michael Morpurgo
- *Heidi* by Johanna Spyri
- *The Secrets of Vesuvius* by Caroline Lawrence
- Any non-fiction text on rivers or mountains

#### Science

- Investigate the changes in technology and equipment from the earliest mountain climbing expeditions to the modern day. Present your findings in an interesting way.
- Create a model habitat for a particular animal. Explain how the creature is adapted to suit the habitat.
- Try this simple experiment: <http://we-made-that.com/how-are-mountains-made/>
- Try some of these electricity related experiments:  
<https://www.youtube.com/watch?v=c7ljY6285CE&t=493>  
<https://www.youtube.com/watch?v=c7ljY6285CE&t=15>  
<https://www.youtube.com/watch?v=c7ljY6285CE&t=383>

### River Deep, Mountain High

#### Possible Family Trips & Visits

- Take a walk along a local river or visit Ashwell Springs, source of the River Cam.
- Visit an art gallery (the Fitzwilliam Museum; Kettle's Yard) and look for art works inspired by water, rivers, the sea or mountains.
- Great places to observe living things in their habitats: Little Paxton Pits Nature Reserve (St Neots); The Lodge RSPB Reserve (Sandy); RSPB Fowlmere (Fowlmere).

#### Mathematics

- Solve the NRICH problems of 'Dean's Mountain' <https://nrich.maths.org/11630> or 'Walking in the Mountains' <https://nrich.maths.org/6761>. Create your own version of either of these problems?
- Create a Maths orientated Famous Mountaineer or Highest Mountains Top Trumps card game
- Create a graph or a chart about the weather at 2 mountains, can you see a correlations?

#### Geography

- Build a 3D model of a river's course from source to sea. Don't forget to label all the features.
- Make an animated film showing how different types of mountain are formed. You could use modelling clay or pictures or even lego. (There are free apps available to help you do this; I use Stop Motion Studio. Ask permission before you download!)
- Design a leaflet for tourists, including information, maps and pictures, for visiting Snowdon or another mountain.
- Have a go at this: <http://www.education.com/science-fair/article/create-a-contour-map/>

#### Art & DT

- Research the photographs of Ansel Adams and compose a similar black and white picture using pencils, charcoal or chalks.
- Research David Hockney's lockdown art which he created on his iPad. Have a go at using a computer to create your own landscape picture.