

Rowan Class Homework Menu

We were really impressed, as usual, by the standard of homework projects last term – well done everyone. This menu details a range of fun activities that can be completed at home to extend your child's learning during the spring term. 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 ideas 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 28th February** and we will share and celebrate this work in the following week. We ask that the homework is not brought into class until after half term. We very much look forward to seeing the work.

English

- Design your own future world and write an illustrated description of it. What does it look like? What has changed compared to our world? Are there people? How do they live? Is it a pleasant and happy place or not?
- Find a piece of poetry about space or the future that appeals to you, learn it by heart and prepare to perform it for an audience at school.
- Make a Powerpoint presentation about the different planets in the solar system. Think about how you will engage the audience.

Suggested Reading List

- Horrible Science: Space, stars and slimy aliens
- Counting on Katherine – How Katherine Johnson put astronauts on the moon.
- Any short story collections by Paul Jennings such as *Unreal* and *Unbelievable*.
- "Sputnik" by Frank Cotterell Boyce
- "The Iron Man" by Ted Hughes
- "A Wrinkle in Time" by Madeleine L'Engle
- "Phoenix" by S F Said
- "The Hitchhiker's Guide to the Galaxy" by Douglas Adams
- Any non-fiction text on Space

Science

Try looking up to the night sky and making observations over a few days/weeks. Does anything change? What do you notice about the moon? Can you see any planets? Any constellations of stars? Draw your observations.

Or you could make a presentation about the surface of another planet or about another planet's moons. Which planet would you like to go to and why?

Try some of these space related experiments:
<http://cse.ssl.berkeley.edu/AtHomeAstronomy/>
<http://stem-works.com/subjects/12-space/activities>

Marvellous Machines

History & Geography

- Research the weather for a city/region in the Mediterranean across three days. Compare it to the weather in Cambridgeshire at the same time. How is it similar? How is it different? Why is it different? How are the regions alike/different? Make a weather report to present your research.
- Plan and make an Italian meal. Take photos to show us or, better still, bring us samples.
- Make a set of top trumps cards for Mediterranean countries. You could include facts about population, area, longest river, largest city etc.

Mathematics

Why not use a chocolate bar or other delicious treat to practise fractions, decimals, multiplication and division? How many ways can you divide your chocolate bar so everyone has the same number of squares? Are there any squares left over (remainder)? Make a poster with photos or drawings to show it.

Have a go at reading a timetable. It could be a bus or train schedule. What time will the train leave Royston? Arrive in Cambridge? How long did the journey take? Think of a creative way to present how you did this.

Art & DT

- How about painting some pottery? You could even make salt dough as an alternative to pottery and paint it using a rainbow of colours. What colours can you make by blending two or three colours together?
- Create a piece of art inspired by Mediterranean colours. You could use textiles, collage or any other medium.

Suggested Family Trips & Visits

- The Greenwich Royal Observatory
- The National Space Centre
- Enjoy some art at the Fitzwilliam Museum
- Have a go at painting pottery at Glazed Creations or similar shops.
- Cambridge Science Centre
- The Science Museum – London
- Institute of Astronomy public evenings (see Science section) <https://www.ast.cam.ac.uk/>