
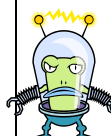



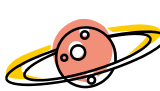






Exploring Space

Topic homework this half term (Autumn 1 2014) will involve you selecting activities related to your own personal interests and preparing these activities to share with the class. **ALL** homework tasks will be chosen from the grid below. Homework must be handed in every **Wednesday**. All items must be clearly labelled with your name. Make sure you check your work for spelling mistakes, full stops and capital letters and it is well presented. I look forward to seeing all of your work! :)



| | | | |
|---|--|---|---|
| <p>Space Art/Images Choose a Space picture that interests and intrigues you. Recreate it on paper using any materials you wish. You should aim to write at least half a page explaining why you chose this piece. <i>Think about the effect you want to create and your choice of materials e.g. collage, paint, chalk, glitter etc.</i></p>  | <p>Astronaut Training Research and learn about astronaut training. How do astronauts exercise in space? Create a variety of physical exercises to help an astronaut exercise in space. Plan and explain why these exercises are important for an astronaut to survive in space. Be prepared to demonstrate.</p> | <p>Space & The Body Research the effects space has on your body. Complete a labelled diagram of the body explaining the effects clearly. <i>You may also wish to think about the use of a space suit.</i></p>  | <p>ICT – Choose one of the following: ☞ Sun ☞ Moon ☞ Earth</p> <p>Create a fact file of your chosen topic including at least 10 images. You must also include facts on your slides or page and you may want to think about suitable music to accompany your information (if you have used power point and want to do this).</p>  |
| Signature | Signature | Signature | Signature |
| <p>Space Exploration Write a report about a space explorer (Yuri Gagarin, Neil Armstrong), and what they discovered on their expeditions. Think about the key information you want to include and use headings and subheadings to organise your information.</p> | <p>Phases of the Moon Research the phases of the moon and design a mini 'Moon Flick Book'. You should include a front cover, headings and any relevant information to each phase.</p>  | <p>Create a model and explanation of how the earth spins on its axis as it orbits the sun. Think about the materials you could use to create your model. You may have to collect these over a few weeks – plan ahead! As well as your model you should have a clear explanation recorded too.</p> | <p>NASA Application NASA are recruiting for their next space mission. Write a letter of application for a job to NASA justifying why you should be chosen as a Space Scientist. <i>Tip – think about how you set out a letter. (Aim for 1 A4 page)</i></p>  |
| Signature | Signature | Signature | Signature |
| <p>Planet Discovery Write an imaginative story about being the first person to discover life on another planet. You will need to think about characters and setting and ensure your story is well structured. Think about planning, VCOP and A COAST MAP. Hook your reader from the first sentence!</p> | <p>Space Suitcase You have been chose to go on a space mission. List and draw 10 useful things you would take into outer space with you and justify why you should be allowed to take them.</p>  | <p>Rocket Launch Research and explain the stages of a rocket launching into space. Present this as a PowerPoint Presentation or on a poster. <i>You may also use models/objects to demonstrate if you wish.</i></p>  | <p>Astronaut Diet Make up a menu for an astronaut for a week. Explain and justify why you chose these foods. Think about packaging, containing and preserving issues.</p>  |
| Signature | Signature | Signature | Signature |