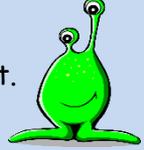




Rousham Homework Grid- Autumn 2016- To infinity and beyond!



<p>Keep a 'Moon Diary' for 25 days.</p> <p>Record what you can see of the moon on the sheet provided.</p> <p>Write the date and sketch the moon in pencil!</p> 	<p>Design an advert for a rocket trip into Space.</p> <p>(How will you make it persuasive?)</p> <p>Present your advert using ICT or hand draw it!</p> 	<p>Make an alien mask:</p> <p>Using your knowledge of plotting co-ordinates, follow the instructions to make a completed alien mask.</p> <p>Colour it in to finish it off!</p> 	<p>Design (and make) a vehicle that could be used on another planet.</p> <p><u>It must:</u> Have wheels, be able to collect and store rocks, be no longer than 30cm, be able drive over uneven surfaces.</p>	<p>Complete 'Space' themed maths investigation.</p> <p>Choose from the comfort, adventure, challenge options.</p> <p>Show your working out.</p> 	<p>You are going on a spaceship and can only take 10 things with you.</p> <p>What will you take?</p> <p>Draw each item and give reasons for each item and how they will be useful.</p> 
<p>Research the effects space has on your body.</p> <p>Complete a labelled diagram of the body explaining the effects clearly.</p> <p><i>You may also wish to think about the use of a space suit.</i></p>	<p>NASA are recruiting for their next space mission.</p> <p>Write a letter of application for a job to NASA justifying why you should be chosen as the next British person to travel into space.</p> <p>(Minimum 1 A4 page)</p> 	<p>Can you make a snack for an astronaut to take into Space?</p> <p>Weigh out each of your ingredients, reading the scales carefully- take a picture and stick it into your book!</p> 	<p>Complete 'Weight on different planets' activity (comfort, adventure, challenge)</p> <p>Try to complete the challenge using your own working out. If you are struggling- use a calculator to help you.</p> 	<p>Imagine Tim Peake is coming to visit our school next week.</p> <p>Write 10 open questions you would like to ask him which would provide interesting answers.</p> <p>Find out 5 interesting facts about him!</p>	<p>Complete reading comprehension activity.</p> <p>Make sure you are providing enough detail in your answers to achieve full marks!</p> <p>Don't forget to present your work neatly.</p> 
<p>Design your own planet in the solar system.</p>  <p>Draw and label your planet explaining its features.</p>	<p>Design a model of a time machine.</p> <p>How will it travel? What will power it? What materials will it be made from? Draw & annotate your design.</p>	<p>Create your own device that measures 1 minute exactly, each time it is used.</p> 	<p>Create your own space themed top trumps cards.</p>  <p>Write instructions on how to play your game.</p>	<p>Make a 3D model rocket with a parachute to aid re-entry.</p> <p>Bring it in or take a picture of it & stick it into your book!</p>	<p>Complete the average distance to the moon mystery.</p> <p>Show your jottings in your book and present your answer clearly.</p>

Please complete a minimum of **11 tasks** over the coming Autumn term. You **MUST** complete all homework in the blue boxes. You should check your work carefully ensuring that you have checked spelling and presentation and you are happy that you have prepared tasks to the best of your ability before handing them in. I look forward to seeing your choices every **WEDNESDAY!** If you have any concerns, would like some support or help with resourcing your chosen activities, please do not hesitate to contact me. I look forward to seeing all of your exciting homework this term! ☺