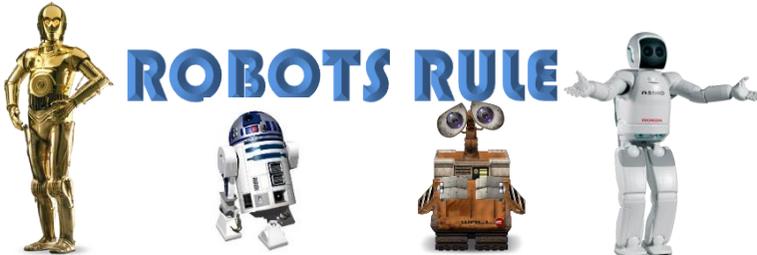


English		Maths			
<p><u>English</u></p> <p>To link with the Robots theme our text drivers will be “Curiosity – the story of the Mars Rover” and various books from the “How it Really Works” series.</p> <p><u>Guided Reading</u></p> <p>Mrs Denness will look at a variety of different texts, with a comprehension focus, on Mondays.</p> <p>Mrs Sharp will be focussing on one text and as well as general reading skills, will be looking at how the author has used language for impact and to show how his point of view is conveyed.</p> <p><u>Throughout these units we will be focusing on the following key objectives:</u></p> <p>We will be building upon our descriptions of settings and biographies from last term to develop commentaries of settings and actions and to write a biography of the science fiction writer Isaac Asimov. Using the “How it Really Works” series of books, we will write our own “factual” explanations for how something works.</p>		<p><u>Four Operations with Mrs Sharp</u></p> <p>We will begin by looking at negative numbers and then move onto multiplication with the aim to learn the long multiplication method. Following on from this we will tackle the short division method and then make a start on fractions, which will continue after half term.</p> <p>There will be a strong focus on mastering the times tables as well. Please ask your child about the tables they are working on, and if you wish, we can supply a duplicate set of cards for practising at home.</p> <p><u>Shape, Space and Measure with Mrs Denness:</u></p> <p>We will be solving more complex problems using all four operations, involving measure (e.g. length, mass, volume, money) using decimal notation including scaling. We will also continue our learning about angles, and use a protractor to draw and measure them accurately.</p>			
Science		Year 5 Japan Class Topic Web Spring Term 1		DT	
<p>In Science, we are focusing on the forces that are acting all around us. We will be investigating the effect of air and water resistance, as well as friction and gravity. We will also be looking at how levers, pulleys and gears take a smaller force and multiply its effect.</p>		 <p>ROBOTS RULE</p>		<p>We will be budding engineers and inventors in DT this half term. Firstly, we will be taking part in a competition to invent something, working in a group, which solves a simple every day challenge. We will also be making robotic arms, that are used in space to help astronauts make repairs. All of the children will have the experience of building a LEGO robot, ‘MILO’, and programming it using an iPad.</p>	
Computing	Music	RE	PSHE	French	PE
<p>After brushing up on our word processing skills, we will be looking at how to manipulate shapes and designs to create pictures.</p>	<p>This half term we will be looking at how music can be made using an unexpected range of “instruments” and try to replicate some of these. We will then focus on electronic music, how it is created and the effects it produces.</p>	<p>We will be learning about the 5 pillars of Islam; these are the key concepts that underpin the Muslim faith. We will find out what they are, why they are considered important and how they are carried out.</p>	<p>This half term we are looking at ‘Going for Goals’. We will encourage the children to think about what makes a good learner and also how to develop these skills. We will also think about celebrating our own achievements.</p>	<p>In our ‘All Around Town’ learning we will learn about how we say where we live and also what shops and facilities we would find in a town. We will also extend our counting to counting in tens to one hundred.</p>	<p>We will be learning the skills of handball and netball and how these can be used in matches. We will also be doing cross-country running.</p>