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| What are gears and how do they work? Find objects around your house that use gears make things move in different directions, more quickly or slowly. | Plan and undertake your own science experiment related to Forces. You can decide how you are going to present your experiment. This could be a report, a video clip or a full written investigation. We must see your results. | Make a parachute using different material and describe how gravity and surface area affect their landing? You need to drop the object from the same height for a fair test |
| Write a short story about an astronaut stepping on the moon and discovering the effects of no gravity in space. | Paper helicopter investigation. Use your knowledge of air resistance and gravity to create a paper helicopter that will fall as slowly as possible. Record the timings on a chart or graph. | Create a birdhouse  Birdhouses are good for the bird population. Can you create a fabulous birdhouse? Sketch and draw your own bird-dreamhouse.  The adults in your home might help you to take this one step further and build your birdhouse from your plan or you could use Lego. |
| Write and add up a food shopping receipt. (You must have at least 15 items on your receipt)  Show your working! | Using a 5ml medicine spoon. How many spoonsful would you need to fill:  a) 1 litre bottle  b) 330ml can  c) 4.75 litre bucket  Please document your answers | Create a how to… poster explaining a maths procedure (for example how you add fractions or how you use the bus stop method)  Make sure the steps are clear. |
| Please note reading to be completed -with school reading books- must be logged on to Boom Read with a minimum requirement of 4 times in a week to earn extra break time on a Thursday.  TTRS / Numbots to be accessed each week. | | |