

# Year 5 Learning Log

Date Set: Wednesday 10<sup>th</sup> January 2018

Date Due: Friday 9<sup>th</sup> February 2018

## Stargazers



<p><b>Write - Adventure story</b> Imagine... an alien space ship has crashed landed in your back garden! Write your own story about what happens next. You may want to borrow ideas from space stories or films you know well?</p> <p><b>Description!</b> Remember to use adjectives and adverbs to bring your story (and your alien) to life!</p> <p><b>Stretch</b> - try and include a simile in your story. <b>Challenge</b> - include similes and use conjunctions to extend your sentences. <b>Extreme</b> - include similes, conjunctions, relative clauses and interesting vocabulary.</p> <p>A year 5 story should be at least a page of writing! ☺</p>	<p><b>Write</b> - . Make an acrostic for one of the planets e.g. M A R S</p> <p>This could be a list of words beginning with each letter, a sentence for each line or even a rhyme.</p>	<p><b>Art &amp; Design - Space helmet!</b> Design and create your own astronaut space helmet or alien headwear using junk materials. Bring it to school and take part in a space-inspired fashion parade!</p>
	<p><b>Baking</b>- Bake your own space themed cookies or biscuits. They could be star, rocket or planet shaped. They could even include space rocks such as popping candy! Write the recipe in your homework jotter. Feel free to share your biscuits with your teacher!!</p>	<p><b>Science &amp; Art</b> - Make a 3-D model of the solar system which displays all the planets in order.</p>
<p><b>Write - Fact file</b> Choose a planet, or a space craft, or a space station or a famous astronaut and create a factfile based on the information you have found.</p>	<p><b>Science</b> - Search the night sky and try to identify the Moon, stars or even some of the other planets in the solar system such as Venus or Mars. Use binoculars or a telescope if possible. You might also be able to use an app on a phone or tablet which will help you to locate the position of the stars.</p> <p>Remember - never look directly at the Sun with your naked eye or through a telescope, binoculars or camera: doing so could easily damage your eyesight. Record your stargazing with photographs!</p>	<p><b>History - Who has walked on the moon?</b> <b>Stretch</b> - So far, how many astronauts have walked on the Moon? Find out their names, and which countries they came from? <b>Challenge</b> - download pictures and record interesting facts about them! <b>Extreme</b> - include photos, and dates of when they walked on the moon!</p> <p>These websites might be useful <a href="https://en.wikipedia.org/wiki/List_of_Apollo_astronauts">https://en.wikipedia.org/wiki/List_of_Apollo_astronauts</a> <a href="http://mentalfloss.com/article/12379/12-men-who-walked-moon">http://mentalfloss.com/article/12379/12-men-who-walked-moon</a></p>
<p><b>Maths - can you complete one OR more of the maths challenges?</b></p>		

### Every week you must also:

- Read your reading book - please bring it to school every day!
- Practice your target times tables.
- Practice the spellings given to you - Spelling tests will be on a Thursday.
- Talk to your Mum, Dad or Carer about your homework.

### Parent/Carer Comment:

### SELF AND TEACHER ASSESSMENT - to be completed at the end of the half term

(Pupils tick where you think you are. Teacher please highlight.)

	Good	Great	Outstanding
<b>Presentation</b>	You have presented your work well. You may have used some ICT in your work. You need to take a little more care with your illustrations and/or handwriting	You have used some interesting ways to present your work including sticking extra sheets in and using ICT. Your illustrations and /or handwriting are a high standard.	You have use some creative ways to present your work including sticking extra sheets in and using ICT. Your illustrations and /or handwriting are outstanding.
<b>Effort</b>	You have made good effort with the tasks you have completed.	You have made a great effort with many of the tasks you have completed.	You have made an outstanding effort with all of the tasks you have completed.

Teacher comment:

Stretch —

In this calculation, each square represents a missing digit:

$$\square 0 \times \square = \square 0 \times \square$$

One possible solution is:

$$10 \times 2 = 20 \times 1$$

Can you work out some different ways to balance the equation?

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Challenge —

$$5.\square\square \square \quad 5.\square\square$$

Use the symbols and numbers below to make the above number sentence correct.

<            >            |            |            2            3

For example:

$$5.31 > 5.21$$

How many different sentences can you make?

How will you know when you have found them all?

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Extreme —

On the next page, you have a set of fractions, decimals and percentages. Match the cards with the same value. You could write them out again underneath or colour code them

$\frac{1}{3}$	$\frac{3}{50}$	0.33
$\frac{23}{100}$	0.125	23%
$\frac{1}{20}$	0.06	$33\frac{1}{3}\%$
$\frac{1}{8}$	33%	5%
0.67	$\frac{7}{8}$	0.73
$\frac{3}{8}$	$\frac{2}{3}$	0.625
$\frac{73}{100}$	87.5%	62.5%
0.375	67%	$0.\dot{6}$