



## Grammar homework

Write a definition of each of these terms into your English Book.

Write an example where you are using the term.

**Modal verbs**

**Suffixes**

**Root word**

**Adverbials**

**Semi colon**

**Parenthesis**

**Relative clauses**

**Similes**



In the Summer term, we will be starting an exciting new science topic. We will be learning all about Earth and Space! In order to get ready for this you can choose to complete two of the activities below.

<p>1. You are going on a spaceship and can only take 10 things with you. What will you take? You are going to meet some aliens on another planet. What 10 things would you take as presents for them? Can you explain your choices?</p>
<p>2. Make an acrostic for one of the planets e.g. M A R S  This could be a list of words beginning with each letter, a sentence for each line or even a rhyme.</p>
<p>3. Find out facts about the space missions - What was the first creature sent into space? Who was the first astronaut? Who was the first man on the moon? What other interesting facts can you find?</p>
<p>4. Keep a sky at night journal for a whole week. Write about everything you can see in the sky. You could draw a picture of the moon every night. Does it change over the course of the week?</p>
<p>5. Prepare a lesson to teach the class about an aspect of Space you enjoy (Be ready to teach it!)</p>
<p>6. Create a timeline to show the history of space travel.</p>
<p>7. Complete a character study of Neil Armstrong or any other famous astronaut/ cosmonaut.</p>
<p>8. Write newspaper report about the first moon landing.</p>

# Maths

## Tablet problems

Tarvi's tablet has a 4-digit passcode but she's a bit forgetful and has forgotten what it is!

But she knows that she only used the numbers 1–4. She's tried 1111, 2222, 3333 and 4444 but none of these worked.

How many different combinations of passcode would there be?

### Your challenge

Investigate how many different combinations of passcode there could be.



### Things to think about

- You could change the 'rules'. Imagine the code had only two digits – either a 1 or 2. How many combinations would there be? You could then look for patterns while changing the 'rules' again, e.g. what if it had two digits, but these were either a 1 or 2 or 3?
- How will you make sure that you have found all the possibilities?
- Do you need to write down all the possibilities or is there a pattern, or some maths that can help you?

RISEING STARS  
**Maths**

Each symbol has a numerical value. The total for the symbols is written at the end of each row and column.

Can you find the missing total that should go where the question mark has been put?

				<b>28</b>
				<b>30</b>
				<b>18</b>
				<b>20</b>
<b>?</b>	<b>30</b>	<b>23</b>	<b>22</b>	

Can you find more than one way to do it?

For these problems you need to explain your working!



## Handwriting



Can you copy this poem in your best handwriting?

Can you remember which letters need to be joined  
and which don't?

If you want, you can accompany your poem with  
drawings and a border to go on display in your  
classroom.