

Home learning target: 6

Year 5 Home Learning

Reading pond target: 30

Term 1

Weekly challenges:

Reading Challenge	Times Tables	Spelling	Maths
<p>Make sure you read at least five times a week at home to be entered into the reading pond!</p> <p>We're practicing the skills of predicting and summarising. Using a book of your choice, practice writing predictions before reading each chapter and then summarising it when finished. Compare your predictions to your summaries: were you close?</p> <p>Also, try and read one book from the Academy reading challenge list this term!</p>	<p>Practice your target times table set for you on TTRS.</p> <p>Ideas: count up and down in your target times table; practice writing it forwards and backwards; ask a friend or family member to test you; practice division facts.</p> <p>Remember, get on TT Rock Stars every day! Can you earn 50 points in studio a day?</p>	<p>Practise your weekly spellings. They will be handed out every Monday. Recap the '-cious' and '-tious' suffix - what's the rule?</p> <p>Try some of the following strategies: Look, cover, say, write, check Word pyramids Draw pictures to remind you of tricky spellings Mnemonics</p> <p>Our term 1 spellings to practice are: Existence, conscious, forty, community, dictionary, develop, determined, sincere and vehicle.</p>	<p>Each Monday, I'll set you a Purple Mash maths activity to complete. It will be linked to what we are learning that week, so show off what you know!</p>

Challenges for Term 1 - complete 6 of these activities to earn a home learning certificate.

English	English	Maths	Maths
<p>Take a trip to your local library or search online. Find a non-fiction text about the Earth or space. Record your key learning from the text you read. This could be as an information text, a leaflet or poster.</p>	<p>Create a poem about our creative curriculum topic of 'Earth and Beyond'. You could write a haiku (5,7,5); an acrostic poem; a story poem or a descriptive poem. Try hard to challenge yourself to use a range of poetic features, including figurative language, similes and metaphors.</p>	<p>Choose from Challenge A, B or C on the following page.</p>	<p>Find 10 items in your local supermarket. You get a 30% discount on the two cheapest items and a 15% discount on the most expensive item. Add them together. If you paid for the items with a £20 note, what change would you get? Round this number to the nearest 10p, £1 and £5</p>
Topic	Topic	Science	Mindfulness / Well-Being
<p>Wait until it goes dark outside and take a look at the stars in the sky. Sketch what you can see. After this, you could research the names of these constellations. You might even find a planet or the ISS.</p>	<p>Create your own solar system. Use materials from around your home to make this. Consider the size of the materials relative to one another.</p>	<p>Conduct some further research into the famous astronauts Neil Armstrong and Buzz Aldrin. Try to find some interesting facts about them and their mission to the Moon.</p> <p>You could create a poster, leaflet or a piece of writing about these two astronauts.</p>	<p>Consider what you could do if you are feeling worried about something either at school or at home. Who could you talk to? Why is talking to someone helpful when we are feeling worried about something?</p>

Math's challenges

A - Place value

	1 more	10 more	100 more	1000 more
1,325				
5,356				
4,684				
9,388				
6,841				
10,658				
15,856				
65,894				
19,569				
115,586				
356,854				
365,699				

Write as many different numbers as you can, using each word no more than once.

You do not need to use all the words each time.

and four thousand

one hundred

B - add either $<$, $>$ or $=$ to the statements below.

$$654 \quad \underline{\quad} \quad 675$$

$$866 \quad \underline{\quad} \quad 668$$

$$6878 \quad \underline{\quad} \quad 6876$$

$$7683 \quad \underline{\quad} \quad 7684$$

$$64 + 68 \quad \underline{\quad} \quad 53 + 65$$

$$354 + 57 \quad \underline{\quad} \quad 685 - 354$$

$$597 + 687 \quad \underline{\quad} \quad 634 + 453$$

$$3542 + 87 \quad \underline{\quad} \quad 3674 - 134$$

Here are four number cards.

101,080 one hundred thousand

one thousand one hundred 99,280

Mo, Annie and Ron each choose a card.

Mo: My number has the greatest value.

Annie: My number has 8 tens.

Ron: My number is greater than Annie's but less than Mo's.

Which card is left over?

C - rounding numbers up to 100,000

1) Using the digit cards once in each number, write all the 5-digit numbers you can make that round to 40 000, when rounded to the nearest 10 000.

4 5 6 3 7

2) Use the clues to find five possible values of part A within this bar model.

80 000 when rounded to the nearest 10 000

A is a multiple of 500.

A 73561

The thousands and hundreds digits of A are odd.

3) Use the clues to find the five possible solutions to this problem.

Neither of the numbers are 30 000.

The difference between the digit sums of the two numbers is 4.

Both numbers in a pair of multiples of 1000 round to 30 000, when rounded to the nearest multiple of 10 000.