



Lakeside Primary School – Y3/4 Learning Grid

<p>Date: 22.06.20 – 26.06.20</p> <p>Theme: Robots and Inventions!</p>			<p>Instructions: Choose a range of learning to complete across the week. Some of the activities will have a level of challenge to choose from, either bronze, silver or gold OR an A, B or C option. Resource sheets are for guidance and don't need to be printed if you don't want to. You do not need to complete ALL of the activities. You can also include any activities and learning of your own!</p>		<p>Please email yearfour@lakeside.staffs.sch.uk for any support or guidance. Or just for a chat! You can also email me on purple mash! And remember to tweet your super learning 😊</p>
English	<p>SPaG Mat Complete the SPaG mat Y3 = mat A. Y4 = mat B.</p>	<p>Become an inventor! Can you design a new invention? Use the planning sheet to design your new invention. Then create a leaflet to tell me all about it. Include pictures and labels, information about what it does and lots of colour! Make it eye-catching.</p>	<p>Story writing Write a story involving your invention! Think carefully about your characters, the action that happens and using exciting vocabulary. Bronze: 3 paragraphs – beginning, middle and ending. Silver: 5 paragraphs – beginning, build up, problem, resolution, ending. Gold: 5 or more paragraphs! Can you include any speech?</p>		<p>Grow your brain! Each week I am going to set you some extra challenges to get you ready for September. Have a go and try your best!</p> <p><u>Writing challenge:</u> Reread your story. Can you extend any of your sentences using coordinating or subordinating conjunctions?</p> <p><u>Maths challenge:</u> Can you complete the sums using column method? Remember to line up the digits correctly. 324 + 432 4365 + 2387 786 – 324 4365 – 1732</p> <p>Practise your 6s, 7s or 9s using https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p><u>Reading challenge:</u> Try the dictionary skills activity sheet! If you don't have a dictionary, you can use an online dictionary.</p>
	<p>Maths Mat Complete the Maths mat. Y3 = mat A. Y4 = mat B.</p>	<p>Choose from activity A or B to complete. Or do both if you really want to impress me! A – Read and plot the coordinates on the grids to create robot pictures! Remember – along the corridor, up the stairs.</p>	<p>B – Have a go at the 2-step function machines. Look at the start number. Put it through the first machine and think about what your NEW number is. Put your NEW number through the second machine. What's your answer?</p>		
Maths	<p>Interesting Inventors Complete the 'interesting inventors' activity sheet. Match the scientists to their achievements, then find out whether each statement is true or false. There is also a challenge box at the bottom with some extra brain stretching activities to have a go at!</p>		<p>Useful or not? Look at the invention picture cards. Which one do you think is the most important/useful and why? Explain your answer.</p>	<p>Get Creative You've designed your new invention; now can you make it? Use recycled materials or things from around your house.</p> <p>Mindfulness 😊 Create a 'things to look forward to' jar. Add lots of ideas of things you can look forward to doing over the next few months.</p>	
Topic	<p>Y3 Spellings (Mrs Youd's Group): lecture literature mature miniature mixture puncture sculpture signature temperature texture</p>	<p>Y3 Spellings (Mrs Murdoch's Group): January February March April May June July August September October</p>	<p>Y4 Spellings: famous nervous ridiculous carnivorous herbivorous porous adventurous courageous outrageous advantageous</p> <p>Y3 + Y4: Remember to practise in lots of different ways! Ask an adult to test you each Friday.</p>	<p>Handwriting Keep practising your letter formation daily. Focus on your alphabet this week. I would like you to practise writing the alphabet forwards AND backwards, using capital letters AND lower-case!</p> <p>Reading Continue to read as much as possible! Remember to read a variety of fiction and non-fiction. Check serial mash for books and follow up activities set by your class teacher each week.</p>	
Daily Activities	<p>Wake up, shake up! Try to do some physical activity every morning to get your brain ready for learning. You could follow a workout on YouTube, do something outdoors or even design your own workout to follow!</p>		<p>Purple Mash Purple Mash 2dos and reading books will continue to be set by your class teacher. Y4 you will need to read CH4 of 'Where Sea Eagles Fly' and complete the quiz and follow up activity. Then try the other 2dos activities.</p>		

See the following page for guidance on the challenges! 😊

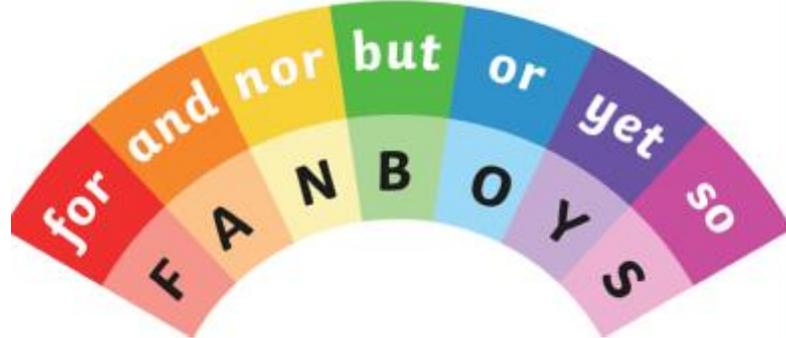


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Writing challenge help – conjunctions

Coordinating conjunctions

<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/z9vwqhv>



Examples:

The sea was calm, yet the sailor could tell a terrible storm was coming.
Up above, the seagulls swooped and they squawked.

Subordinating conjunctions

<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3>



Examples:

The pirate was worried because he could see a ferocious storm on the horizon.

Although he was scared, he kept sailing.

Maths challenge help – column method

<p>1</p> $\begin{array}{r} 453 \\ +348 \\ \hline \end{array}$ <p>Place the numbers one on top of the other, lining up the hundreds, tens and ones.</p>	<p>2</p> $\begin{array}{r} 453 \\ +348 \\ \hline 1 \end{array}$ <p>Add the ones and write the answer</p>	<p>3</p> $\begin{array}{r} 453 \\ +348 \\ \hline 1 \\ \hline 1 \end{array}$ <p>Regroup any tens under the tens column.</p>
<p>4</p> $\begin{array}{r} 453 \\ +348 \\ \hline 01 \\ \hline 11 \end{array}$ <p>Add the tens including any tens you have regrouped. Regroup any hundreds under the hundreds column.</p>	<p>5</p> $\begin{array}{r} 453 \\ +348 \\ \hline 801 \\ \hline 11 \end{array}$ <p>Add the hundreds including any hundreds you have regrouped.</p>	<p>6</p> $\begin{array}{r} 453 \\ +348 \\ \hline 801 \\ \hline 11 \end{array}$ <p>Check your answer.</p>

<p>1</p> $\begin{array}{r} 453 \\ -348 \\ \hline \end{array}$ <p>Place the numbers one on top of the other, lining up the hundreds, tens and ones.</p>	<p>2</p> $\begin{array}{r} 453 \\ -348 \\ \hline \end{array}$ <p>Subtract the ones (note that the answer to 3 - 8 is negative).</p>	<p>3</p> $\begin{array}{r} 4\cancel{5}3 \\ -348 \\ \hline 5 \end{array}$ <p>Exchange a 10 from the 50 to give 13 ones. Subtract the ones: 13 - 8 = 5</p>
<p>4</p> $\begin{array}{r} 4\cancel{5}3 \\ -348 \\ \hline 05 \end{array}$ <p>Subtract the tens: 40 - 40 = 0</p>	<p>5</p> $\begin{array}{r} 4\cancel{5}3 \\ -348 \\ \hline 105 \end{array}$ <p>Subtract the hundreds: 400 - 300 = 100</p>	<p>6</p> $\begin{array}{r} 4\cancel{5}3 \\ -348 \\ \hline 105 \end{array}$ <p>Check your answer.</p>