Year 3 Maths and English Home Learning Menu Spring A 2021

MATHS

Times Tables ~ **Mini Tests**	Place Value ~ **Read and write numbers up to 1000 in words**	Place Value ~ **Compare and order numbers up to 1000**	Addition and Subtraction ~ **Add and subtract numbers with up to three digits using the formal method of columnar addition or subtraction**
1. Practice your 4x and 8 x table. 2. Write out the questions and answers 3. Get someone at home to check it then test you each day. **Practice:** Test each day until you are scoring 100% **Challenge:** Try to get faster and answer questions in random order.	1. Roll a dice and write use this to create a 3-digit number. 2. Write the number in words making sure that the spellings are correct. **Practice:** Test each day until you are spelling them correctly. **Challenge:** Can you write the words for numbers over 1000?	1. Using a dice, create 2 3-digit numbers (like: 621, 345, 542). 2. Write them with the correct symbol < > = in between, for example: 621 > 345 542 < 621 Remember to make sure your numbers are in the correct columns.	1. Write 2, 2-digit numbers and add them together. 2.Then, take the answer and subtract one of the 2-digit numbers you added. What do you notice about the answer? Remember to make sure your numbers are in the correct columns.
Fractions ~ **Tenths**	Fractions ~ **Tenths**	Geometry ~ **Identify right angles**	Statistics ~ **Interpret and present data using bar charts, pictograms and tables.**
1. Collect 20 of the same objects (lego bricks, smarties, skittles or raisins). 2. Can you share them into 10 groups? These are tenths. 3. How many are in each group? 4. Complete with other quantities – 30, 40, 10, etc…	1. Find a picture from a magazine. 2. Cut it into 10 equal pieces. 3. Repeat with another picture. 4. What fraction have you cut it into?	1. Look around your house. 2. What is a right angle? Write a definition. 3. Can you find any right angles around your home? Make a list of where you find them.	1. Ask people in your home what their favourite crisp flavour / colour is. 2. Create a bar chart of the results. 3. Can you think of questions to ask about your chart?

Multiplication and Division ~ ÷ by 10	Multiplication and Division ~ x by 100	Multiplication and Division ~ ÷ by 100	Multiplication and Division ~ 2-digit x 1-digit
Look at these 3-digit multiples of 10; 320, 440, 620, 120, 870, 280, 530, 790, 910, 350. Divide each number by 10.	Pick 10 numbers between 1 and 10. Multiply each number by 100 and write these down, for example; 8 x 100= 800 What do you notice about all of the numbers? Is this the same if you multiply a number between 10 and 20 by 100? Investigate!	Look at these 3-digit multiples of 100; 600, 200, 100, 900, 800, 500, 300, 700, 1200, 2800. Divide each of the numbers by 100.	Try to complete the multiplications below. There are two different ways to complete these but you must always begin with the ones column, look: <table><tr><td>24 X 4 _96_ 1 You complete 4x4 first, write in the ones and carry the tens, then multiply the tens (20x4). Then add the totals.</td><td>24 X 4 16 (4x4) 1's + 80 (20x4)10's _96_</td></tr></table>
Multiplication and Division ~ Fact Families.	Multiplication and Division ~ Commutativity	Multiplication and Division ~ Multiply by 10 and 100	Multiplication and Division ~ 2-digit x 1-digit
Can you find the fact families for the following: 3x4, 5x3, 8x2, 5x8 and 6x2. For example: 3x4=12, 4x3=12, 12÷3=4, 12÷3=4.	Multiplication is like addition because you can multiply two numbers in any order and get the same answer. If you can swap the numbers and still get the same final answer, we call it commutative, for example; 6x4=24 4x6=24 Now, show me 5 examples that show this is true.	Complete the Planes and parachutes activity below. Multiply the numbers in the aeroplanes by 10 and 100. Colour in the planes and their answers in the parachutes in matching colours. Alternatively, write out the matching planes and parachutes. Try to use a different colour for each pair.	Roll a dice twice and write this number down. Choose 2, 3, 4, 5 or 8. Multiply the two numbers, for example; 21 X 3 63 Complete this 10 times.

English			

Spellings ~ **Mini Tests**	Spellings ~ **Hangman**	Spellings ~ **Homophones**	SPaG ~ **Prepositions**
1. Choose a set of spellings, to practice, from the spelling sheet 2. Write them out in a list 3. Get someone at home to check it then test you each day. **Practice:** Test each day until you are scoring 100% **Challenge:** Use these in sentences or a story	1. Choose a spelling from the spelling sheet 2. Write dashes for the number of letters _ _ _ _ 3. Get a partner to guess the letters then spelling. **Practice:** You always do the guessing **Challenge:** Ignore the list and choose adventurous words.	1. Try and learn the following words. How are they different? brake/break, fair/fare, grate/great, groan/grown, here/hear, heel/heal/he'll,	1. Prepositions are words that explain where things are in terms of time (at 12 o'clock, in August, on my birthday), or place (behind, beside, under). 2. Write 5 sentences containing prepositions.
Reading ~ **Inference**	Reading ~ **What do we know? Think? Want to know?**	Writing ~ **Fact file**	Writing ~ **Rhythm Poem**
1. Look at the 'What do we know? Think? Want to know?' image. 2. Answer the questions below: • What is the dad doing? • Why is the girl standing behind him? • Why is she dragging a kite on the floor? • Has she said anything to him? Does he know she's there? • How is she feeling? What is she thinking? • Do you think this has happened before? Why/why not?	1. Look at the image below. 2. Write what you know about the character from what you can see. 3. Write what you think about the character from what you know. 4. Write three questions you would like to ask the character.	1. Choose a well-known volcano. 2. Now, find facts and information about it – where is it? Is it active? When was the last time it erupted? How tall is it? How deep is it? Any other interesting facts?	1. Think about a volcano and complete a mind map using your senses. 2. Write a poem similar to 'Hand on the bridge.' 3. https://www.youtube.com/watch?v=N4sCaAFkcwI 4. Write your poem about a volcano.

Simple sentences	Speech ~ Inverted Commas	Compound Sentences	Complex sentences
What are the four main types of simple sentence? They are: Statements – The dragon is scaly. Questions – What time is it? Commands – Tidy your room. Exclamations – What a beautiful day it is! Simple sentences is made up of one clause. A clause is a group of words that contain a subject (the noun/pronoun) and a verb (doing word), for example; The fast squirrel darted up the tree. Write your own example for each type of simple sentence.	When you are writing, **inverted commas** or **speech marks** go before and after direct speech, surrounding what was said. "I'm hungry," she complained. If another character replies, use another set of inverted commas. "What's for tea?" she asked. "Delicious ants!" her mum replied. Punctuation, such as question marks, full stops and exclamation marks go inside the speech marks. Write 5 examples of speech, for example; "Do you want to play out?" asked Jimmy.	Compound sentences are made up of 2 clauses joined by a conjunction, for example: The puppy had lost her bone so she was feeling sad. I invited my friends over and we had a fun time. Can you write 5 complex sentences?	Complex sentences are sentences that include a main clause, a conjunction and a subordinate clause. A subordinate clause tells us more about the main clause, for example; The boy scouts sang around the campfire until it was time for bed. A subordinate clause does not make sense on its own. Add a conjunction and subordinate clause to the following main clauses: Hakim could win the talent contest _____ Philip made himself a bed out of twigs and leaves _____ The dolphin jumped from the water_____
Spellings ~ Suffixes -ful	Spellings ~ Suffixes –less	Writing ~ **Expanded noun phrases**	Writing ~ **Describe a setting.**
What are the rules for adding –ful as a suffix? Look at the root words below and add the suffix –ful. Disgrace, boast, play, care, faith, dread, beauty, plenty. What are the rules?	Choose 5 words that have the suffix –less. Write them each into a sentence. CHALLENGE: Can you put them all in a paragraph that makes sense?	Look around one of the rooms in your house. List 10 items. Write an expanded noun phrase for each of them, for example; The grey, soft sofa. The thick, fluffy rug.	Choose one of the rooms in your house and write a setting description like we did of Stig's Rubbish Dump. Imagine walking through your room and describe the things we would see in the order we would see them.

Multiplication ~ 2-digit x 1-digit

1. $\begin{array}{r} 24 \\ \times\ 4 \\ \hline \end{array}$

2. $\begin{array}{r} 22 \\ \times\ 5 \\ \hline \end{array}$

3. $\begin{array}{r} 18 \\ \times\ 5 \\ \hline \end{array}$

4. $\begin{array}{r} 26 \\ \times\ 3 \\ \hline \end{array}$

5. $\begin{array}{r} 12 \\ \times\ 5 \\ \hline \end{array}$

6. $\begin{array}{r} 48 \\ \times\ 2 \\ \hline \end{array}$

7. $\begin{array}{r} 41 \\ \times\ 9 \\ \hline \end{array}$

8. $\begin{array}{r} 31 \\ \times\ 7 \\ \hline \end{array}$

9. $\begin{array}{r} 44 \\ \times\ 7 \\ \hline \end{array}$

10. $\begin{array}{r} 32 \\ \times\ 7 \\ \hline \end{array}$

11. $\begin{array}{r} 62 \\ \times\ 3 \\ \hline \end{array}$

12. $\begin{array}{r} 66 \\ \times\ 4 \\ \hline \end{array}$

13. $\begin{array}{r} 82 \\ \times\ 4 \\ \hline \end{array}$

14. $\begin{array}{r} 87 \\ \times\ 8 \\ \hline \end{array}$

15. $\begin{array}{r} 94 \\ \times\ 8 \\ \hline \end{array}$

16. $\begin{array}{r} 53 \\ \times\ 8 \\ \hline \end{array}$

17. $\begin{array}{r} 85 \\ \times\ 4 \\ \hline \end{array}$

18. $\begin{array}{r} 75 \\ \times\ 3 \\ \hline \end{array}$

19. $\begin{array}{r} 68 \\ \times\ 6 \\ \hline \end{array}$

20. $\begin{array}{r} 78 \\ \times\ 7 \\ \hline \end{array}$

Multiplication ~ x by 10 and 100

Multiply the numbers in the aeroplanes by 10 and 100. Colour in the planes and their answers in the parachutes in matching colours.

32   45   52   61   17

74   11   13

150   1100   320   1500   450   6100

600   740   1700   880

3200

610   1300   7400   110   130   170

5200   720   4500   520
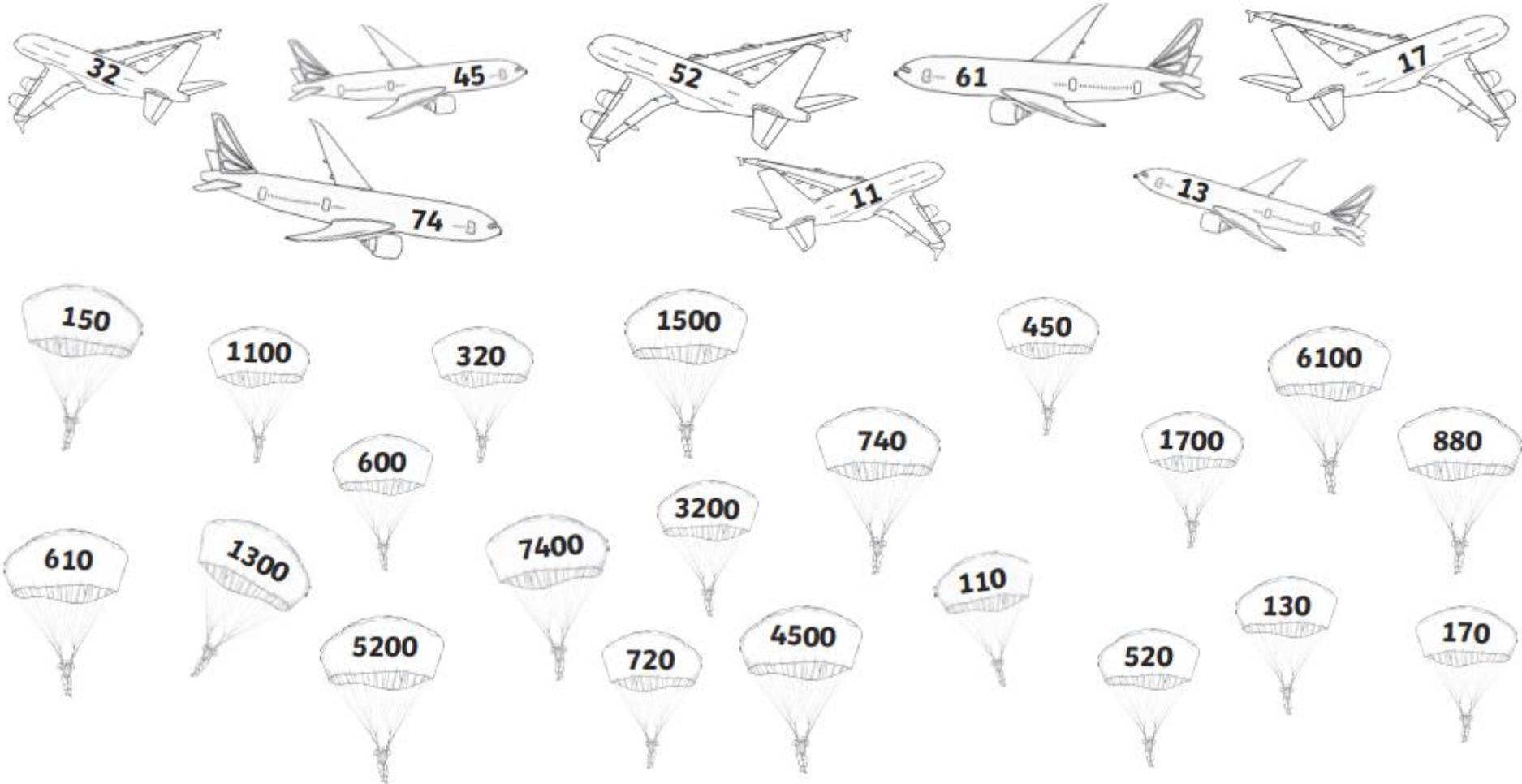
Spellings

Year 3 and 4 Statutory Spellings

accident	caught	eighth	heard	minute	possible	strange
accidentally	centre	enough	heart	natural	potatoes	strength
actual	century	exercise	height	naughty	pressure	suppose
actually	certain	experience	history	notice	probably	surprise
address	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	although
arrive	continue	favourite	interest	opposite	question	thought
believe	decide	February	island	ordinary	recent	through
bicycle	describe	forward	knowledge	particular	regular	various
breath	different	forwards	learn	peculiar	reign	weight
breathe	difficult	fruit	length	perhaps	remember	woman
build	disappear	grammar	library	popular	sentence	women
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	
calendar	eight	guide	mention	possession	straight	