Maths

- Working on Times Table Rockstars - 20 mins on Sound Check
  [https://ttrockstars.com/](https://ttrockstars.com/)

- Play on Hit the Button: [https://www.topmarks.co.uk/maths-games/hit-the-button](https://www.topmarks.co.uk/maths-games/hit-the-button)

- Education City: [https://www.educationcity.com/](https://www.educationcity.com/) Work has been set for you to complete.

This diagram shows how we add fractions with the same denominator.

The right way

\[
\frac{1}{4} + \frac{1}{4} = \frac{2}{4}
\]

Use this diagram to help you to add and subtract these fractions with the same denominator (bottom number).

1) \(\frac{5}{8} + \frac{1}{8} = \frac{6}{8}\)  
2) \(\frac{4}{10} + \frac{4}{10} = \frac{8}{10}\)

3) \(\frac{3}{7} + \frac{2}{7} = \frac{5}{7}\)  
4) \(\frac{4}{3} + \frac{3}{3} = \frac{7}{3}\)

5) \(\frac{5}{9} + \frac{3}{9} = \frac{8}{9}\)  
6) \(\frac{3}{4} + \frac{2}{4} = \frac{5}{4}\)

7) \(\frac{4}{12} + \frac{7}{12} = \frac{11}{12}\)  
8) \(\frac{4}{5} + \frac{3}{5} = \frac{7}{5}\)

9) \(\frac{3}{6} + \frac{7}{6} = \frac{10}{6} = \frac{5}{3}\)  
10) \(\frac{4}{9} + \frac{8}{9} = \frac{12}{9} = \frac{4}{3}\)

When we add or subtract fractions with different denominators (bottom numbers), we need to multiply the whole of one fraction to make it the same denominator.

e.g.

\[
\frac{7 \cdot 5}{8 \cdot 16} = ?
\]

\[
\frac{7 \times 2}{8 \times 2} = \frac{5}{16} \quad \frac{14}{16} = \frac{5}{16} = \frac{9}{16}
\]
Use this to help you to add these fractions with different denominators.

1) \( \frac{3}{26} + \frac{5}{13} = \)

2) \( \frac{5}{8} + \frac{4}{16} = \)

3) \( \frac{2}{4} + \frac{3}{16} = \)

4) \( \frac{7}{22} + \frac{2}{11} = \)

5) \( \frac{8}{15} + \frac{7}{10} = \)

6) \( \frac{6}{14} + \frac{5}{7} = \)

For more activities, see the extra resources on the Year 5 Home Learning section of the website!

<table>
<thead>
<tr>
<th>Reading</th>
<th>Reading Comprehension tasks:</th>
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<tbody>
<tr>
<td></td>
<td>The following resources are saved in the Year 5 Home Learning section of the website</td>
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<tr>
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<td>• This week the theme is Famous People.</td>
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<td>• Complete at least one of the reading comprehensions</td>
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You could share a story together. This could be a chapter book where you read and discuss a chapter a day.

Listen to your child read and let them discuss what they have read. Encourage them to read with expression and intonation.

Watch Newsround and discuss what is happening in the wider world.

Explore new vocabulary you find when reading. What are the origins of this word? Can it be modified? Can you find any synonyms (words which mean similar) or antonyms (words which mean the opposite) for your new word?

Make a list of all of the different things that you read during a day (e.g. packets, instructions). Remember to include things on a screen too.

| Writing | Make notes about things that you are doing each day and use these to write a short diary entry. |
Choose a famous person who you are really interested in - this could be a historical figure, a celebrity, a sports personality or someone else who is well-known.

Use the internet to research this person and make notes about their life and greatest achievements.

Use these notes to write a biography or create a presentation about this person.

Practise the Year 5 and 6 Common Exception words
https://cdn.oxfordowl.co.uk/2019/08/29/13/56/09/5a42eb6a-f57f-4dc4-a66e-bd4c5e27e4b7/SpellingWordList_Y5-6.pdf

Play the free spelling games on this website:
https://www.spellzone.com/word_lists/games-5454.htm

Choose some games and activities from:
https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar
<table>
<thead>
<tr>
<th>Project</th>
<th>You Are What You Eat!</th>
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<td>We all have our favourite foods, our favourite restaurants or our favourite snacks - so this week your project is all about food!</td>
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You could:

- Have a go at making your favourite meal or snack (with help from an adult)
- Create your own fast-food restaurant (like McDonalds or KFC). Think about designing a logo, a menu and even what the restaurant would look like - remember to try to include some vegetarian and healthy options
- Design some characters who are types of food (e.g. Sally Strawberry or Henry Hotdog). Draw your character and create a character profile for them
- Keep a food diary showing the types of things you are eating each day
- Develop your own perfect menu - thinking about the foods that you love to eat.

Or you could come up with your own creative ideas linked to Food. Remember to share your work via email with your class teacher. Have Fun!
Calculate:
5. $8 \times 8 = \underline{_____}$
6. $12 \times 6 = \underline{_____}$
7. $4 \times 6 = \underline{_____}$
8. $11 \times 7 = \underline{_____}$
9. $6 \times 10 = \underline{_____}$
10. $30 \times 10 = \underline{_____}$
11. $27 \div 3 = \underline{_____}$
12. $36 \div 6 = \underline{_____}$
13. $48 \div 6 = \underline{_____}$
14. $24 \div 3 = \underline{_____}$
15. $500 \div 10 = \underline{_____}$
16. $6000 \div 1000 = \underline{_____}$

Calculate:
5. $5 \times 9 = \underline{_____}$
6. $12 \times 9 = \underline{_____}$
7. $7 \times 6 = \underline{_____}$
8. $11 \times 3 = \underline{_____}$
9. $11 \times 10 = \underline{_____}$
10. $90 \times 10 = \underline{_____}$
11. $36 \div 3 = \underline{_____}$
12. $54 \div 6 = \underline{_____}$
13. $30 \div 6 = \underline{_____}$
14. $36 \div 3 = \underline{_____}$
15. $200 \div 10 = \underline{_____}$
16. $8000 \div 1000 = \underline{_____}$

Complete these calculations
17. $8 \times \underline{_____} = 56$
18. $40 \div \underline{_____} = 8$

19. A party bag has 12 sweets in. 7 children are each given a party bag. How many sweets are given out in total?

20. Stickers are sold in packs of 28. There is room for 4 stickers on each page. How many pages can be filled with one pack of stickers?

Complete these calculations
17. $7 \times \underline{_____} = 49$
18. $55 \div \underline{_____} = 11$

19. A bus seats 60 people. There are 5 seats per row. How many rows are there on each bus?

20. 8 children bring in 3 cakes each for a charity bake sale. How many cakes are there altogether?
# Sudoku 4 x 4 Puzzles

Each row and column contains all the digits 1 to 4.

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Colour by Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

0-10 light blue
11-20 purple
21-30 pink
31-40 yellow
41-50 green
51-60 orange
61-70 dark blue

3 × 3
5 × 5
6 × 8
7 × 4
5 × 3
2 × 2
4 × 3
9 × 2
4 × 9
5 × 2
2 × 6
4 × 4
6 × 6
5 × 7
5 × 3
2 × 6
4 × 7
7 × 7
5 × 9
4 × 4
5 × 6
4 × 5
7 × 3
4 × 6
2 × 4
4 × 9
2 × 8
5 × 8
5 × 9
9 × 2
4 × 8
2 × 8
2 × 3
3 × 3
7 × 3
6 × 6
2 × 6
6 × 8
6 × 9
2 × 7
6 × 3
3 × 3
Place Value Puzzles

1. 1 2
2. 54 55
3. 
4. 
5. 
6. 
7. 

37
50
44
88
33
Year 5 and 6 Statutory Spellings

competition

conscience

conscious

controversy

convenience

correspond

criticise

curiosity

definite

desperate
Circle the possessive pronoun:

The children were thrilled that the idea that had been chosen for the final product was theirs.

A prefix word in each of these sentences is incorrect. Rewrite the prefix words correctly.

The training session being cancelled was very inconvenient.

Mr Whoops has made two clumsy spelling mistakes in his sentence. Can you underline them and correct them? Use a dictionary if you need to.

I had to cue at the accident and emergency department because I had fallen and damaged my shoulder.

Rewrite this sentence with the adverbial phrase at the beginning. Don’t forget a comma!

There wasn’t one piece of pizza left after the sleepover party.

Tick the two sentences written in the past progressive tense:

- Millie was jumping during the PE lesson.
- In the future, she hoped to be an Olympic gymnast.
- The 9-year-old was always climbing on the bars at the park.

Choose ‘a’ or ‘an’ as determiners in this sentence:

From the charity shop, I bought ___ old-fashioned suitcase, ___ fancy dress costume.
Ice-Cream Match-Up!

Can you draw lines to match each prefix to the correct root word to make each ice cream into a verb? Each prefix belongs to two different root words.

clutter  quote  react
exert  locate
de-  de-
over-  train
mis-  re-
dis-  code

Could you use some of the words in summer themed sentences?

________________________

________________________

________________________

________________________
Summer Sun
Robert Louis Stevenson
(from A Child's Garden of Verses, 1885)

Great is the sun, and wide he goes
Through empty heaven with repose;
And in the blue and glowing days
More thick than rain he showers his rays.

Though closer still the blinds we pull
To keep the shady parlour cool,
Yet he will find a chink or two
To slip his golden fingers through.

The dusty attic spider-clad
He, through the keyhole, maketh glad;
And through the broken edge of tiles
Into the laddered hay-loft smiles.

Meantime his golden face around
He bares to all the garden ground,
And sheds a warm and glittering look
Among the ivy's inmost nook.

Above the hills, along the blue,
Round the bright air with footing true,
To please the child, to paint the rose,
The gardener of the World, he goes.

1. Who is the ‘he’ in this poem? ____________
_________________________________________________________________

2. What does ‘slip his golden fingers through’ mean? _________________
_________________________________________________________________

3. Find and copy a phrase that shows that the sun is comforting. ____________
_________________________________________________________________

4. ‘Among the ivy’s inmost nook’
Tick the word that is closest in meaning to ‘nook’?

☐ wall ☐ barrier
☐ crevice ☐ enclosure