Emergency home learning

- If you are using this Powerpoint, it means your class bubble has sadly had to close.

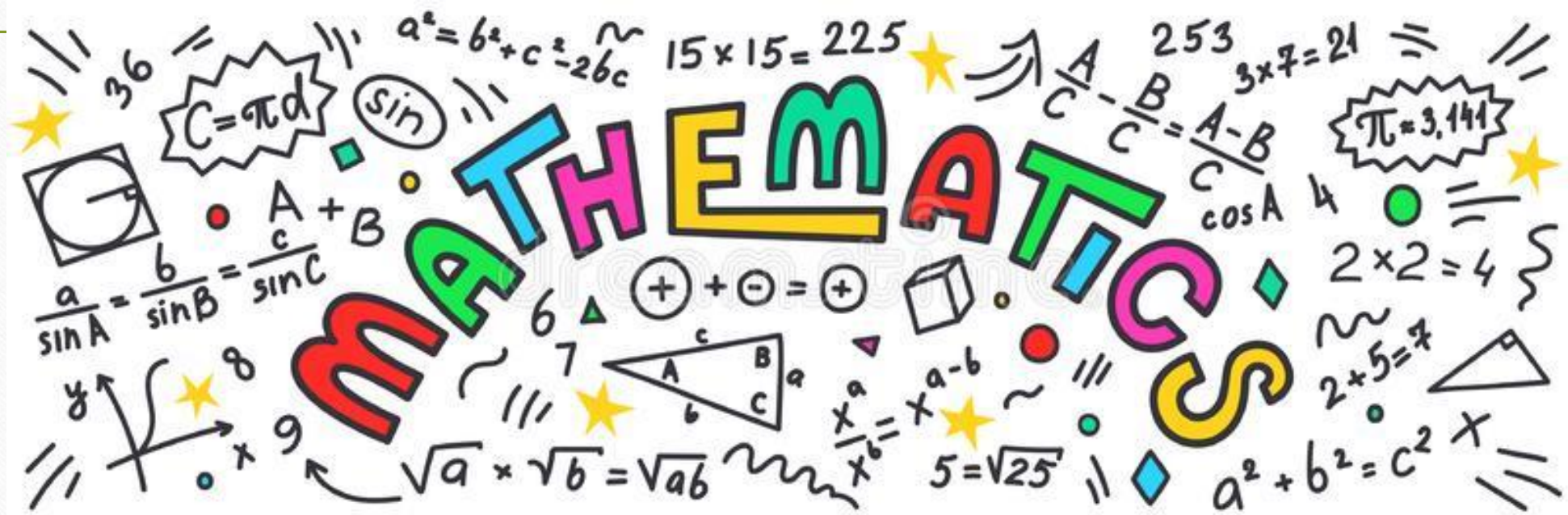
- Whilst we all re-adjust to temporary home learning again, these slides will give you enough work for the next couple of days, until you hear from me.

A message from your teacher/s:

Hello everyone! I wasn't expecting this would happen just yet – but as it has we shall just have to make the most of it. Over the next 2 days I will be making contact with you via TEAMS – keep an eye on your messages.

Mrs M

Day ONE...


MATHEMATICS
$a^2=b^2+c^2-2bc$
$15\times15=225$
$C=\pi d$
sin
$\frac{A}{C}-\frac{B}{C}=\frac{A-B}{C}$
$3\times7=21$
$\pi\approx3.141$
cos A
$\frac{a}{\sin A}=\frac{b}{\sin B}=\frac{c}{\sin C}$
$2\times2=4$
$2+5=7$
$\sqrt{a}\times\sqrt{b}=\sqrt{ab}$
$\frac{x^a}{x^b}=x^{a-b}$
$5=\sqrt{25}$
$a^2+b^2=c^2$

Day 1 Recap

Find the sum.

1. 430 + 670 =	2. 338 + 374 =	3. 866 + 801 =	4. 537 + 406 =
5. 216 + 103 =	6. 458 + 535 =	7. 736 + 860 =	8. 241 + 590 =
9. 89 + 788 =	10. 792 + 38 =	11. 28 + 259 =	12. 331 + 488 =
13. 405 + 656 =	14. 30 + 148 =	15. 847 + 565 =	16. 907 + 544 =
17. 118 + 168 =	18. 613 + 399 =	19. 134 + 104 =	20. 729 + 267 =

Find the sum.

1. 7,340 + 9,473 =	2. 3,026 + 2,689 =	3. 125 + 867 =	4. 6,804 + 651 =
5. 6,774 + 7,826 =	6. 1,762 + 3,722 =	7. 9,778 + 1,226 =	8. 4,400 + 4,474 =
9. 7,942 + 9,798 =	10. 7,559 + 8,529 =	11. 7,274 + 4,558 =	12. 8,704 + 222 =
13. 5,536 + 5,619 =	14. 290 + 4,342 =	15. 8,519 + 9,033 =	16. 491 + 1,091 =

Work for today

Find the sum.

1. 27,234 + 95,201 = _____
2. 640,291 + 878,141 = _____
3. 952,575 + 83,392 = _____
4. 528,593 + 96,177 = _____
5. 620,996 + 812,712 = _____
6. 888,435 + 102,850 = _____
7. 581,354 + 158,414 = _____
8. 191,191 + 607,475 = _____
9. 487,693 + 180,034 = _____
10. 273,119 + 205,411 = _____
11. 964,562 + 974,966 = _____
12. 838,095 + 30,477 = _____

Find the sum.

1. 919,019 + 590,736 = _____
2. 28,147 + 61,390 = _____
3. 15,517 + 635,189 = _____
4. 554,610 + 849,666 = _____
5. 105,014 + 113,334 = _____
6. 501,958 + 858,864 = _____
7. 809,907 + 730,408 = _____
8. 276,025 + 415,702 = _____
9. 369,802 + 674,467 = _____
10. 398,430 + 482,895 = _____
11. 192,748 + 426,142 = _____
12. 732,727 + 550,372 = _____

If You Finished Easily

Find the missing number.

1. 383 + _____ = 1,170
2. 1,798 + _____ = 2,661
3. 4,299 + _____ = 4,776
4. _____ + 9,964 = 17,968
5. 525 + _____ = 9,924
6. 3,423 + 585 = _____
7. 2,093 + _____ = 2,599
8. 8,788 + 215 = _____
9. 4,112 + _____ = 12,998
10. 5,884 + 3,843 = _____
11. _____ + 993 = 1,389
12. _____ + 863 = 1,650
13. 835 + _____ = 1,737
14. 633 + _____ = 10,147
15. _____ + 5,278 = 5,917
16. _____ + 7,158 = 15,092
17. _____ + 362 = 592
18. _____ + 651 = 2,105
19. 6,147 + 3,312 = _____
20. _____ + 217 = 3,234

Find the sum.

1. 442 + 97,745 + 495,155 + 932,047 = _____
2. 42 + 77 + 9,905 + 78,675 = _____
3. 20 + 18 + 650,958 + 203,416 = _____
4. 611 + 52,718 + 5,638 + 381 = _____
5. 7,871 + 129,136 + 4,306 + 851,640 = _____
6. 47 + 65,361 + 20 + 26 = _____
7. 75 + 358 + 372 + 673,148 = _____
8. 6,369 + 45,245 + 42,091 + 685 = _____
9. 731,970 + 788 + 62 + 764 = _____

Answers

1. 430 + 670 = 1,100	2. 338 + 374 = 712	3. 866 + 801 = 1,667	4. 537 + 406 = 943
5. 216 + 103 = 319	6. 458 + 535 = 993	7. 736 + 860 = 1,596	8. 241 + 590 = 831
9. 89 + 788 = 877	10. 792 + 38 = 830	11. 28 + 259 = 287	12. 331 + 488 = 819
13. 405 + 656 = 1,061	14. 30 + 148 = 178	15. 847 + 565 = 1,412	16. 907 + 544 = 1,451
17. 118 + 168 = 286	18. 613 + 399 = 1,012	19. 134 + 104 = 238	20. 729 + 267 = 996

Find the sum.

1. 7,340 + 9,473 = 16,813	2. 3,026 + 2,689 = 5,715	3. 125 + 867 = 992	4. 6,804 + 651 = 7,455
5. 6,774 + 7,826 = 14,600	6. 1,762 + 3,722 = 5,484	7. 9,778 + 1,226 = 11,004	8. 4,400 + 4,474 = 8,874
9. 7,942 + 9,798 = 17,740	10. 7,559 + 8,529 = 16,088	11. 7,274 + 4,558 = 11,832	12. 8,704 + 222 = 8,926
13. 5,536 + 5,619 = 11,155	14. 290 + 4,342 = 4,632	15. 8,519 + 9,033 = 17,552	16. 491 + 1,091 = 1,582

Answers

Find the sum.

1. 27,234 + 95,201 = 122,435
2. 640,291 + 878,141 = 1,518,432
3. 952,575 + 83,392 = 1,035,967
4. 528,593 + 96,177 = 624,770
5. 620,996 + 812,712 = 1,433,708
6. 888,435 + 102,850 = 991,285
7. 581,354 + 158,414 = 739,768
8. 191,191 + 607,475 = 798,666
9. 487,693 + 180,034 = 667,727
10. 273,119 + 205,411 = 478,530
11. 964,562 + 974,966 = 1,939,528
12. 838,095 + 30,477 = 868,572

Find the sum.

1. 919,019 + 590,736 = 1,509,755
2. 28,147 + 61,390 = 89,537
3. 15,517 + 635,189 = 650,706
4. 554,610 + 849,666 = 1,404,276
5. 105,014 + 113,334 = 218,348
6. 501,958 + 858,864 = 1,360,822
7. 809,907 + 730,408 = 1,540,315
8. 276,025 + 415,702 = 691,727
9. 369,802 + 674,467 = 1,044,269
10. 398,430 + 482,895 = 881,325
11. 192,748 + 426,142 = 618,890
12. 732,727 + 550,372 = 1,283,099

Answers

Find the missing number.

1. 383 + 787 = 1,170
2. 1,798 + 863 = 2,661
3. 4,299 + 477 = 4,776
4. 8,004 + 9,964 = 17,968
5. 525 + 9,399 = 9,924
6. 3,423 + 585 = 4,008
7. 2,093 + 506 = 2,599
8. 8,788 + 215 = 9,003
9. 4,112 + 8,886 = 12,998
10. 5,884 + 3,843 = 9,727
11. 396 + 993 = 1,389
12. 787 + 863 = 1,650
13. 835 + 902 = 1,737
14. 633 + 9,514 = 10,147
15. 639 + 5,278 = 5,917
16. 7,934 + 7,158 = 15,092
17. 230 + 362 = 592
18. 1,454 + 651 = 2,105
19. 6,147 + 3,312 = 9,459
20. 3,017 + 217 = 3,234

Find the sum.

1.
442
97,745
495,155
+ 932,047
1,525,389

2.
42
77
9,905
+ 78,675
88,699

3.
20
18
650,958
+ 203,416
854,412

4.
611
52,718
5,638
+ 381
59,348

5.
7,871
129,136
4,306
+ 851,640
992,953

6.
47
65,361
20
+ 26
65,454

7.
75
358
372
+ 673,148
673,953

8.
6,369
45,245
42,091
+ 685
94,390

9.
731,970
788
62
+ 764
733,584

Year 5/6: Day 1

LO: Plan for story (narrative) writing

Using a mysterious image as a starting point, you are going to plan a mystery story today, ready to write out the story tomorrow.

Some things you may want to think about before you start:
Where is this? What is happening in the picture? Why is it happening? What or who came out of the egg? How does the girl feel? Why is she feeling this way? How did she get there? What happens next?

What words could you use to describe the image? Here are a few to get you started – there are more on the next slide:

Gloomy, eerie, dim, damp, humid, bleak, earthy, spooky, gloopy, gooey, screeching, slimy…

When you start writing, you need to have a brief plan of where you will start. Where does this image fit into the story and how does the story end, (even if it changes as you write). Don't worry about the fine details or the grammar or punctuation at this point – it's the content / quantity first. This is about planning out your ideas, tomorrow we will write the story. Have fun!

There is a planning sheet included on today's slides – use this to help organise ideas in your book. The image here is just to get you thinking / give you ideas – you can add or change as you wish. It's your story… your imagination… have fun with it!

Useful vocabulary...

It was just an ordinary day...	abandoned	alarmed	ancient	awful	frightened
The rain began to pour...	bizarre	bold	bravely	chilling	mysterious
When it was all over...	creature	crumbling	dangerous	darkness	strange
As the day drew to a close...	disastrous	discover	disturbing	eerie	wicked
Suddenly...	enemy	escape	evil	familiar	
After the rain...	furiously	glorious	hero	magical	
The next day...	perilous	rapidly	shadowy	splendid	
Without warning...	sturdy	swooped	terrifying	weird	
	beastly	conscious	determined	enchanted	

after	because	who	
before	if	whose	
while	which		
when	since		

bellowed	boomed	laughed	stuttered
mumbled	muttered	replied	whispered
roared	screamed	shrieked	yelled

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alibi	deduce	mysteriously	sleuth
banged	detective	peered	suspect
carefully	evidence	pounding	suspiciously
clues	fingerprint	quietly	thudded
conceal	footsteps	red herring	victim
cough	frozen	reveal	villain
creak	gloom	scuttled	witness
crime	hero		
culprit	motive		

bellowed	boomed	laughed	mumbled
muttered	replied	roared	screamed
shrieked	shuttered	whispered	yelled

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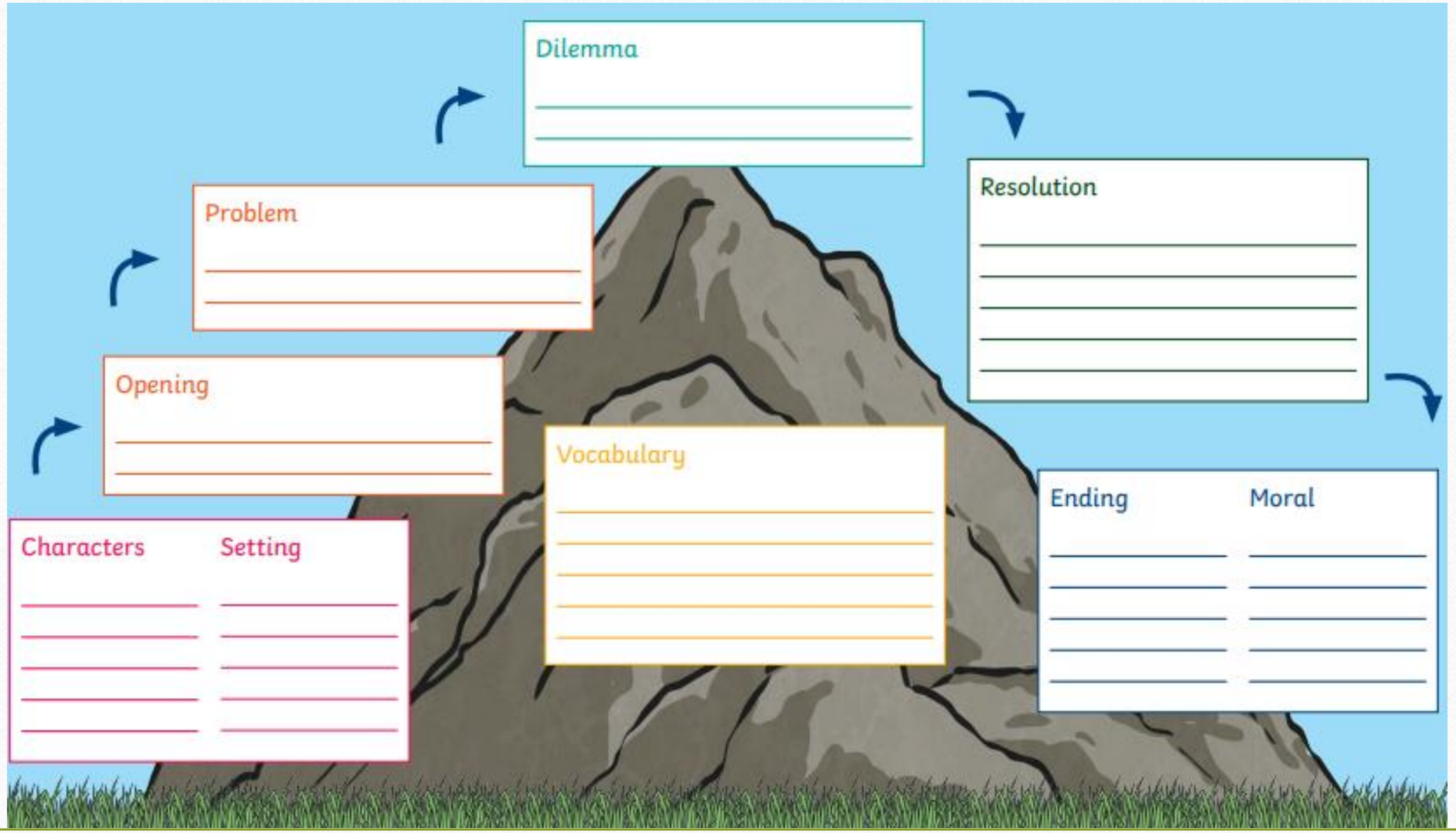
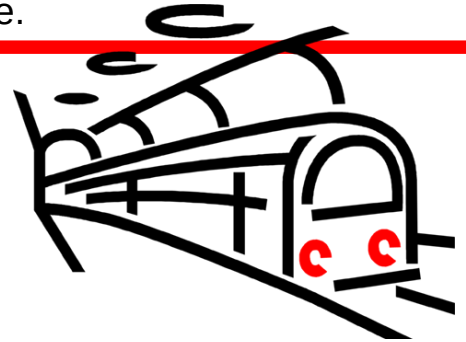

Dilemma
Problem
Resolution
Opening
Vocabulary
Characters
Setting
Ending
Moral

Day ONE…

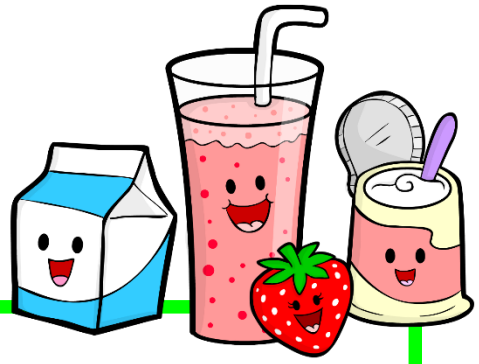
Beech/Ash (choose 2)

Creativity in the Underground
Many of the London Underground tube stations have their own unique, tiled designs.
https://docs.google.com/document/d/1HMWXyBWnw8ARFp9TtUdlZ_h3tNWAj4dvd2IXoREY3Ds/edit
Think of your own London Underground tube station name and create a tile design to accompany it. Simply draw the design using crayons, felt tips or paint **or** represent the design in the form of a collage, cutting out your own tiles of paper, newspaper, magazines, cardboard, or whatever you have at home.



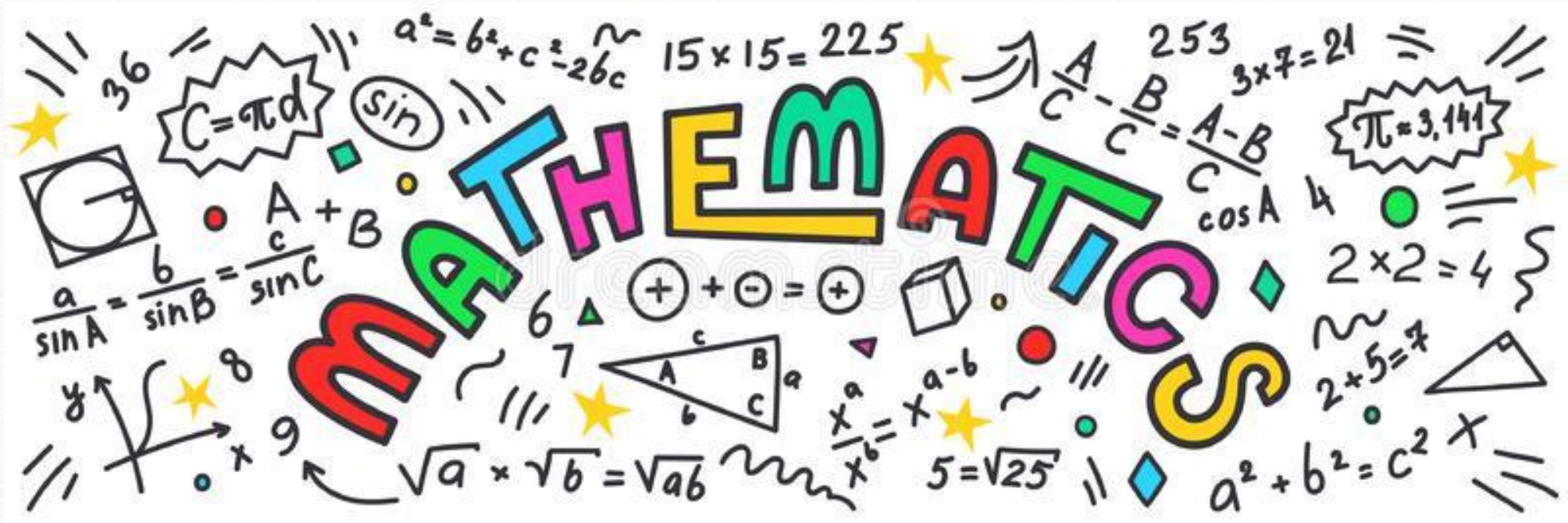
Exploring the World
Throughout history many people have explored new places. You can find out about some of them here:
https://www.bbc.co.uk/teach/class-clips-video/ks2-explorers/zjh8bdm
Pick an explorer from the list or one of your choice. Map out the places that the explorer visited, create a piece of art inspired by the places they visited **or** write a diary entry from the explorer's point of view to share what they have seen and experienced.

Sport Genius
Research the history of sport and see how many different facts you can find out about sports from the past.
https://kids.kiddle.co/Sport
https://www.sportsforschools.org/interesting-facts/
Create your own sporting trivia quiz which you can test out on friends or family **or** place different sporting events from the last 100 years onto a timeline. Decorate it beautifully.



Come Dine with Me
Create a **healthy** three course meal for four family members by researching the recipes for a starter, main meal and dessert. Think about what ingredients you will need to make your recipe and write a shopping list of items. Find out how much the ingredients will cost using a supermarket website of your choice. Where is the most cost effective place to buy the ingredients? Perhaps you could test out a recipe by making it for dinner that evening. Family members may even wish to score each course!

Day TWO...


MATHEMATICS
$a^2 = b^2 + c^2 - 2bc$
$15 \times 15 = 225$
253
$3 \times 7 = 21$
$C = \pi d$
sin
$\pi \approx 3.141$
$\frac{A}{C} - \frac{B}{C} = \frac{A-B}{C}$
cos A
$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$
$2 \times 2 = 4$
$2 + 5 = 7$
$\sqrt{a} \times \sqrt{b} = \sqrt{ab}$
$\frac{x^a}{x^b} = x^{a-b}$
$5 = \sqrt{25}$
$a^2 + b^2 = c^2$

Day 2 Recap

Find the difference.

1. 769 - 601 =	2. 603 - 103 =	3. 222 - 102 =
4. 459 - 319 =	5. 722 - 521 =	6. 694 - 331 =
7. 951 - 151 =	8. 878 - 614 =	9. 260 - 130 =
10. 493 - 340 =	11. 987 - 580 =	12. 526 - 426 =
13. 509 - 301 =	14. 532 - 331 =	15. 215 - 115 =

Find the difference.

1. 688 - 399 =	2. 876 - 398 =	3. 50 - 45 =
4. 783 - 297 =	5. 461 - 87 =	6. 658 - 569 =
7. 914 - 687 =	8. 608 - 429 =	9. 780 - 699 =
10. 621 - 387 =	11. 914 - 27 =	12. 472 - 396 =

Work for today

Find the difference.

1. 9,400 - 8,647 = _____
2. 600 - 208 = _____
3. 5,200 - 3,181 = _____
4. 3,400 - 2,746 = _____
5. 9,600 - 8,000 = _____
6. 7,400 - 363 = _____
7. 9,400 - 1,555 = _____
8. 8,300 - 6,898 = _____
9. 3,100 - 144 = _____
10. 4,100 - 2,921 = _____
11. 2,100 - 1,012 = _____
12. 9,800 - 8,434 = _____

Find the difference.

1. 74,765 - 26,591 = _____
2. 822,450 - 80,124 = _____
3. 71,224 - 24,433 = _____
4. 899,394 - 17,954 = _____
5. 964,978 - 961,233 = _____
6. 993,563 - 796,376 = _____
7. 221,162 - 36,018 = _____
8. 843,281 - 44,189 = _____
9. 48,446 - 42,029 = _____
10. 586,369 - 41,860 = _____

If You Finished Easily

Read and answer each question:

The table shows the number of people visiting an art museum over 3 months.

	January	February	March
Child	28	34	56
Adult	59	?	55
Senior	15	22	?
Total	?	139	?

1. What is the total number of people that visited the art museum in January?

2. Compared to January, how many more children go to the museum in February?

3. How many adults visited the museum in February?

4. 16 more seniors visited in March than the number that visited in January and February combined. How many seniors visited the museum in March?

5. Which month had the highest number of visitors?

The library is being relocated. The librarians are busy organizing the books.

1. Three boxes filled with fiction books and two boxes filled with reference books were just delivered. If each box is filled with 120 books, how many fiction books are there?

2. From the boxes just delivered, a librarian takes out 40 reference books to put on the shelf. Then, she takes out another 65 reference books and leave them at the checkout counter. How many reference books are left in the boxes?

3. There were 445 non-fiction books but 83 went missing and 45 were transferred to another library. How many non-fiction books are left?

4. According to the library system, there are 238 new patrons, 145 inactive patrons and 673 active patrons. How many patrons are there in total in the library system?

5. There are 2,475 books in total in the library. 592 books are on loan and 137 books are missing. Out of the 592 books, 74 books are late. How many books are there in the library?

Answers

1. 769 - 601 = 168	2. 603 - 103 = 500	3. 222 - 102 = 120
4. 459 - 319 = 140	5. 722 - 521 = 201	6. 694 - 331 = 363
7. 951 - 151 = 800	8. 878 - 614 = 264	9. 260 - 130 = 130
10. 493 - 340 = 153	11. 987 - 580 = 407	12. 526 - 426 = 100
13. 509 - 301 = 208	14. 532 - 331 = 201	15. 215 - 115 = 100

Find the difference.

1. 688 - 399 = 289	2. 876 - 398 = 478	3. 50 - 45 = 5
4. 783 - 297 = 486	5. 461 - 87 = 374	6. 658 - 569 = 89
7. 914 - 687 = 227	8. 608 - 429 = 179	9. 780 - 699 = 81
10. 621 - 387 = 234	11. 914 - 27 = 887	12. 472 - 396 = 76

Answers

Find the difference.

1. 9,400 - 8,647 = 753

2. 600 - 208 = 392

3. 5,200 - 3,181 = 2,019

4. 3,400 - 2,746 = 654

5. 9,600 - 8,000 = 1,600

6. 7,400 - 363 = 7,037

7. 9,400 - 1,555 = 7,845

8. 8,300 - 6,898 = 1,402

9. 3,100 - 144 = 2,956

10. 4,100 - 2,921 = 1,179

11. 2,100 - 1,012 = 1,088

12. 9,800 - 8,434 = 1,366

Find the difference.

1. 74,765 - 26,591 = 48,174

2. 822,450 - 80,124 = 742,326

3. 71,224 - 24,433 = 46,791

4. 899,394 - 17,954 = 881,440

5. 964,978 - 961,233 = 3,745

6. 993,563 - 796,376 = 197,187

7. 221,162 - 36,018 = 185,144

8. 843,281 - 44,189 = 799,092

9. 48,446 - 42,029 = 6,417

10. 586,369 - 41,860 = 544,509

Answers

1. 28 + 59 + 15 = 102
   Total number of people that visited the art museum in January.

2. 34 – 28 = 6
   Compared to January, 6 more children go to the museum in February.

3. 139 – 34 – 22 = 83
   83 adults visited the museum in February.

4. 15 + 22 + 16 = 53
   53 seniors visited the museum in March.

5. The total admission of March = 56 + 55 + 53 = 164
   March has the highest number of admission among the three months

1. 120 + 120 + 120 = 360
   There are 360 fiction books.

2. 120 + 120 – 40 – 65 = 135
   There are 135 reference books left in the boxes.

3. 445 – 83 – 45 = 317
   There are 317 non-fiction books left.

4. 238 + 145 + 673 = 1,056
   There are 1,056 patrons using the library system.

5. 2475 – 592 – 137 = 1,746
   There are 1,746 books in the library.

Year 5/6: Day 2

LO: Write a story (narrative)

Continuing with the mysterious theme, you are going to write the story you planned out yesterday. You may still change or develop ideas as you write, but try to stick to the planning as best you can – it is your route to the end, and you don't want to get lost on the way!

Use yesterday's plan to write your adventure story. Focus on including your year group Success Criteria...

Year 5 Success criteria:

- Use all punctuation accurately – inc. commas with speech.
- Use devices to build cohesion across paragraphs – lead the reader from 1 paragraph to another.
- Use expanded noun phrases to build greater description.
- Use fronted adverbials with commas.

Year 6 Success Criteria

- Use punctuation accurately - inc. commas with speech
- Use devices to build cohesion within *and* across paragraphs using adverbials of time, place and number
- Use expanded noun phrases throughout
- Express time/ place/cause with conjunctions, prepositions and adverbs.

So, how did you do?

Look again at your SC. Have you included all of your targets? If not, change (edit) your story, to get them in place – You should feel confident you have written a good mystery story based on the image of the girl and the egg.

Year 5 Success criteria:

- Use all punctuation accurately – inc. commas with speech.
- Use devices to build cohesion across paragraphs – lead the reader in.
- Use expanded noun phrases to build greater description.
- Use fronted adverbials with commas.

Year 6 Success Criteria

- Use punctuation accurately - inc. commas with speech
- Use devices to build cohesion within and across paragraphs using adverbials of time, place and number
- Use expanded noun phrases throughout
- Express time/ place/cause with conjunctions, prepositions and adverbs.

Day TWO…

Colour your world with kindness

- What do you think is meant by the words ‘kind’ and ‘kindness’?
- Watch the following you tube video and se what happens when someone does something kind.
- https://youtu.be/rwelE8yyY0U

Do you like the grey world or the **colourful** world best ? Have a look at this list of words and see if you can suggest a word which means the opposite:

Mean

Unhelpful

Selfish

Lying

Miserable

Angry

Would you like to live in the grey world ?
I suspect the answer is “no”
How could you change the world to one with colour ?

Write a short story showing how you could change someone’s life by acts of kindness. It could be made up or it could be based on something that has actually happened to you or someone else.
How would you feel if you were able to bring some colour into someone’s life?
How would they feel ?
Illustrate your story with lots of colour.

Dear God
Thank you that we can be kind to one another,
Thank you for our teachers and families who teach us to be kind,
Thank you God for the kindness and love you show us.
Please help us forgive our friends for any fallings out,
Please help us give people a second chance,
Please help us say sorry and start again.
Amen