

Notes for Maths Online Learning

- You will need a pencil and a piece of paper, if you have a pad you can keep working from this would be ideal.
- All MyMaths Online lessons will have unlimited availability for you to complete. We will be able to access it each day to see how you got on and if you have completed the task we have set.
- After some sessions there will be a '**extra**' activity if you would like some additional reasoning work to do.
- We will endeavor to provide lessons and activities which you will not need to print off.



St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.

Session 1



Monday 13th July

Teaching Notes

It is our final week of online learning for Maths!

You are going to have the chance to consolidate your learning this week by showing what you can do!

Lots of games, activities and problem solving for you to do!

Have fun and make sure you use all your maths that you have got in your tool kit!

Monday 13th July

The Mystery of the Melted Ice Cream At the Merryvale Fair



Find the clues on the
Problem Solving page
in the Home Learning
Folder!

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Session 2



Tuesday 14th July

Crack the Code

A	B	C	D	E	F	G	H	I	J	K	L	M
26	25	24	23	22	21	20	19	18	17	16	15	14

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
13	12	11	10	9	8	7	6	5	4	3	2	1

1.

	Answer	Letter
5×5		
$90 \div 6$		
2×13		
$46 \div 2$		
2×11		
4×2		

3.

	Answer	Letter
$19 \div 1$		
13×2		
2×7		
$28 \div 2$		
$110 \div 5$		
3×3		
2×4		

Tuesday 14th July

Crack the Code

A	B	C	D	E	F	G	H	I	J	K	L	M
6	15	21	5	13	24	18	7	12	1	25	19	9

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
22	16	11	26	2	17	20	3	10	8	14	23	4

1.	Answer	Letter
$500 \div 100$		
$1300 \div 100$		
$2400 \div 100$		
1.3×10		
$220 \div 10$		
$5000 \div 1000$		
$13000 \div 1000$		
0.02×100		

6.	Answer	Letter
0.018×1000		
1.6×10		
$600 \div 100$		
0.019×1000		
0.25×100		
0.013×1000		
$13000 \div 1000$		
0.11×100		
13×1		
0.02×100		

Tuesday 14th July

Crack the Code

A	B	C	D	E	F	G	H	I	J	K	L	M
3	10	18	16	1	21	9	14	24	6	19	12	4

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
7	13	20	25	5	23	11	26	22	15	2	17	8

2.	Answer	Letter
$\frac{1}{4}$ of 44		
$\frac{1}{6}$ of 18		
$\frac{3}{4}$ of 24		
$\frac{1}{2}$ of 38		
$\frac{2}{3}$ of 18		
$\frac{1}{6}$ of 6		

4.	Answer	Letter
$\frac{2}{5}$ of 35		
$\frac{1}{5}$ of 15		
$\frac{4}{5}$ of 15		
$\frac{3}{7}$ of 49		
$\frac{2}{3}$ of 33		
$\frac{1}{2}$ of 26		
$\frac{3}{4}$ of 16		
$\frac{2}{3}$ of 18		
$\frac{1}{100}$ of 100		
$\frac{1}{2}$ of 34		

Tuesday 14th July

Crack the Code

A	B	C	D	E	F	G	H	I	J	K	L	M
3	10	18	16	1	21	9	14	24	6	19	12	4

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
7	13	20	25	5	23	11	26	22	15	2	17	8

So the theme for the last codes were all to do with football!

Choose a theme, anything you want and create a calculation code for 6 different words!

- School
- gymnastics
- fortnite
- minecraft

Just a few ideas!



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Session 3



Wednesday 15th July

Pirate Mental Maths Code Breaker

Try to solve these in your head using the mental methods we have learnt this year!

a	b	c	d	e	f	g	h	i	j	k	l	m
2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246
n	o	p	q	r	s	t	u	v	w	x	y	z
2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259

What is a pirate's favourite country?

[illegible]

a	b	c	d	e	f	g	h	i	j	k	l	m
2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246

n	o	p	q	r	s	t	u	v	w	x	y	z
2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259

What happened when Bluebeard the Pirate fell into the Red Sea?

	2308 - 67	2285 - 47	2323 - 83	2340 - 92	2311 - 58
Answer					
Letter					

	2163 + 83	2175 + 59	2174 + 77	2182 + 66	2314 - 66	2312 - 65	2282 - 44	2285 - 48
Answer								
Letter								

a	b	c	d	e	f	g	h	i	j	k	l	m
5	6	7	8	9	11	12	36	42	48	49	54	56

n	o	p	q	r	s	t	u	v	w	x	y	z
63	72	66	64	77	81	84	96	99	108	121	132	144

	Answer	Letter
11×6		
$25 \div 5$		
7×11		
11×7		
12×6		
7×12		

$63 \div 9$		
$35 \div 7$		
6×11		
12×7		
$55 \div 11$		
6×7		
7×9		

a	b	c	d	e	f	g	h	i	j	k	l	m
5	6	7	8	9	11	12	36	42	48	49	54	56

n	o	p	q	r	s	t	u	v	w	x	y	z
63	72	66	64	77	81	84	96	99	108	121	132	144

	Answer	Letter
$42 \div 7$		
8×12		
$49 \div 7$		
$56 \div 8$		
$45 \div 9$		
7×9		
$18 \div 2$		
$36 \div 4$		
11×7		

6×11		
9×6		
$60 \div 12$		
9×7		
7×7		

Wednesday 15th July

Now using your knowledge of pirates, create your own calculation code for at least 6 different pirate words or names!

e.g.

- ship
- Jolly Roger
- compass
- port
- starboard
- Long John Silver!



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Session 4



Thursday 16th July

Today, I would like you to design a poster for the next Year 4 class with tips and methods for a certain area of Maths which you have learnt this year.

- Regrouping for addition or subtraction
- Column method for multiplication
- Written method for division (Bus stop)
- Multiplying and dividing by 10 or 100
- The place value of decimals (tenths and hundredths)
- Fractions of a value ($\frac{D}{D} \times N$)

Are there any rhymes, songs or tips you have helped you that you could pass on to someone else to help them?

Make it as bright and colourful as you can!

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Session 5



Friday 17th July

The Moji Road Trip Maths Mystery Game

Solve the clues to help Confused moji to remember the mystery destination and save the moji road trip.



Answers - Football

1.	Answer	Letter
5×5	25	B
$90 \div 6$	15	L
2×13	26	A
$46 \div 2$	23	D
2×11	22	E
4×2	8	S

3.	Answer	Letter
$19 \div 1$	19	H
13×2	26	A
2×7	14	M
$28 \div 2$	14	M
$110 \div 5$	22	E
3×3	9	R
2×4	8	S

1.	Answer	Letter
$500 \div 100$	5	D
$1300 \div 100$	13	E
$2400 \div 100$	24	F
1.3×10	13	E
$220 \div 10$	22	N
$5000 \div 1000$	5	D
$13000 \div 1000$	13	E
0.02×100	2	R

6.	Answer	Letter
0.018×1000	18	G
1.6×10	16	O
$600 \div 100$	6	A
0.019×1000	19	L
0.25×100	25	K
0.013×1000	13	E
$13000 \div 1000$	13	E
0.11×100	11	P
13×1	13	E
0.02×100	2	R

2.	Answer	Letter
$\frac{1}{4}$ of 44	11	T
$\frac{1}{6}$ of 18	3	A
$\frac{3}{4}$ of 24	18	C
$\frac{1}{2}$ of 38	19	K
$\frac{2}{3}$ of 18	12	L
$\frac{1}{6}$ of 6	1	E

4.	Answer	Letter
$\frac{2}{5}$ of 35	14	H
$\frac{1}{5}$ of 15	3	A
$\frac{4}{5}$ of 15	12	L
$\frac{3}{7}$ of 49	21	F
$\frac{2}{3}$ of 33	22	V
$\frac{1}{2}$ of 26	13	O
$\frac{3}{4}$ of 16	12	L
$\frac{2}{3}$ of 18	12	L
$\frac{1}{100}$ of 100	1	E
$\frac{1}{2}$ of 34	17	Y

Answers - Pirates

What is a pirate's favourite country?

	2334 - 100	2934 - 700	2151 + 100	2640 - 400	2841 - 600	2140 + 100	1838 + 400	3147 - 900	2553 - 300	2142 + 100	2447 - 200	2634 - 400
Answer	2234	2234	2251	2240	2241	2240	2238	2247	2253	2242	2247	2234
Letter	A	a	r	g	h	g	e	n	t	i	n	a

What happened when Bluebeard the Pirate fell into the Red Sea?

	2308 - 67	2285 - 47	2323 - 83	2340 - 92	2311 - 58
Answer	2241	2238	2240	2248	2253
Letter	H	e	g	o	t

	2163 + 83	2175 + 59	2174 + 77	2182 + 66	2314 - 66	2312 - 65	2282 - 44	2285 - 48
Answer	2246	2234	2251	2248	2248	2247	2238	2237
Letter	m	a	r	o	o	n	e	d

Answers - Pirates

	Answer	Letter
11×6	66	p
$25 \div 5$	5	a
7×11	77	r
11×7	77	r
12×6	72	o
7×12	84	t

$63 \div 9$	7	c
$35 \div 7$	5	a
6×11	66	p
12×7	84	t
$55 \div 11$	5	a
6×7	42	i
7×9	63	n

	Answer	Letter
$42 \div 7$	6	b
8×12	96	u
$49 \div 7$	7	c
$56 \div 8$	7	c
$45 \div 9$	5	a
7×9	63	n
$18 \div 2$	9	e
$36 \div 4$	9	e
11×7	77	r

6×11	66	p
9×6	54	l
$60 \div 12$	5	a
9×7	63	n
7×7	49	k