

St Denys Primary School



**Y5 Home Learning
Week beginning
27th April 2020**

**Creativity, Choice, Challenge
Achievement for All**

Year 5 - School Closure - Home Learning

Whilst we are not expecting you to replicate school at home, it will be important that you all try to do some work each school day to keep your skills up. Try to do a couple of these tasks every day

And don't forget to stay active!



Each school day, you should:

- Practice your times tables – multiplication and division! Create your own times tables game to help you practice.
- Practice the Y5/Y6 spellings words. You can use look, cover, write, check as well as have a go using some of the words in your own sentences.
- Read for at least 30 minutes. This could be a story book or a non-fiction book, a magazine or comic. Even being online involves reading!
- Spend at least an hour on different tasks. Have another look through our old Home Learning booklets. There are also lots of other tasks you could choose from on our Class 5 web page.
- Write your own story chapter book. You could focus on one chapter a day. Don't forget to follow what we would do in the classroom – plan, write, read, edit.
- Use your username and password to log into Times Table Rockstars and Sumdog to practice your maths skills.

Mr Baker



New Curriculum Spelling List Years 5 and 6

accommodate	communicate	equip	immediately	physical	sincerely
accompany	community	equipped	individual	prejudice	soldier
according	competition	equipment	interfere	privilege	stomach
achieve	conscience	especially	interrupt	profession	sufficient
aggressive	conscious	exaggerate	language	programme	suggest
amateur	controversy	excellent	leisure	pronunciation	symbol
ancient	convenience	existence	lightning	queue	system
apparent	correspond	explanation	marvellous	recognise	temperature
appreciate	criticise	familiar	mischievous	recommend	thorough
attached	curiosity	foreign	muscle	relevant	twelfth
available	definite	forty	necessary	restaurant	variety
average	desperate	frequently	neighbour	rhyme	vegetable
awkward	determined	government	nuisance	rhythm	vehicle
bargain	develop	guarantee	occupy	sacrifice	yacht
bruise	dictionary	harass	occur	secretary	
category	disastrous	hindrance	opportunity	shoulder	
cemetery	embarrass	identity	parliament	signature	
committee	environment	immediate	persuade	sincere	

Weekly Writing Challenge

This week our writing challenge will be to write a narrative or story. The idea for your story is 'Through the Doorway'.

Where is the doorway? What type of door is it? Perhaps your character will find something on the other side of the door or maybe the door will be locked.



Think about the following:

- Who are your characters?
- Where is your story set?
- What is the problem or complication and how will it be solved?
- How will your story end?

Remember to:

- Plan your story with a beginning, middle and end. How are you going to hook the reader at the start? You could write down notes, draw a picture or create a storyboard.
- Organise your ideas into paragraphs.
- Choose your words carefully to entertain the reader.
- Write in sentences. Think about some of the things we have used in class like inverted commas or fronted adverbials.
- Pay attention to your spelling and punctuation.
- Read, check and edit your work carefully.
- Decide how you are going to publish your story: writing it out, typing it, making a book?

Name: _____

Week 1 Session 1

2019-20

Y5 Summer Week 2

5 a week

Times Tables Rock Stars

2,3,4,5,6,7,8,9,10,11,12

Times Tables

Licensed to St Denys Primary School

1	$3 \times 7 =$ _____	21	$8 \times 11 =$ _____	41	$6 \times 3 =$ _____
2	$5 \times 11 =$ _____	22	$6 \times 11 =$ _____	42	$11 \times 4 =$ _____
3	$8 \times 9 =$ _____	23	$9 \times 5 =$ _____	43	$12 \times 4 =$ _____
4	$6 \times 10 =$ _____	24	$12 \times 2 =$ _____	44	$8 \times 9 =$ _____
5	$3 \times 12 =$ _____	25	$10 \times 3 =$ _____	45	$3 \times 9 =$ _____
6	$8 \times 1 =$ _____	26	$4 \times 2 =$ _____	46	$6 \times 11 =$ _____
7	$11 \times 9 =$ _____	27	$10 \times 6 =$ _____	47	$4 \times 9 =$ _____
8	$8 \times 2 =$ _____	28	$2 \times 5 =$ _____	48	$5 \times 12 =$ _____
9	$11 \times 1 =$ _____	29	$2 \times 7 =$ _____	49	$11 \times 4 =$ _____
10	$4 \times 10 =$ _____	30	$11 \times 1 =$ _____	50	$6 \times 7 =$ _____
11	$6 \times 3 =$ _____	31	$2 \times 12 =$ _____	51	$5 \times 12 =$ _____
12	$11 \times 9 =$ _____	32	$8 \times 9 =$ _____	52	$3 \times 4 =$ _____
13	$12 \times 3 =$ _____	33	$10 \times 5 =$ _____	53	$3 \times 4 =$ _____
14	$8 \times 5 =$ _____	34	$4 \times 5 =$ _____	54	$1 \times 7 =$ _____
15	$2 \times 2 =$ _____	35	$12 \times 9 =$ _____	55	$7 \times 9 =$ _____
16	$4 \times 4 =$ _____	36	$10 \times 7 =$ _____	56	$10 \times 3 =$ _____
17	$9 \times 4 =$ _____	37	$3 \times 7 =$ _____	57	$11 \times 8 =$ _____
18	$6 \times 12 =$ _____	38	$2 \times 6 =$ _____	58	$5 \times 10 =$ _____
19	$12 \times 4 =$ _____	39	$10 \times 6 =$ _____	59	$6 \times 8 =$ _____
20	$10 \times 7 =$ _____	40	$7 \times 4 =$ _____	60	$2 \times 7 =$ _____

Time taken

🕒 3 minute time limit 🕒

Score

60

What's your rock status?

WANNABE

< 18 correct in 3 mins

GARAGE ROCKER

18-19 correct in 3 mins

BUSKER

20-21 correct in 3 mins

GIGGER

22-24 correct in 3 mins

UNSIGNED ACT

25-29 correct in 3 mins

BREAKTHROUGH ARTIST

30-35 correct in 3 mins

SUPPORT ACT

36-44 correct in 3 mins

HEADLINER

45-59 correct in 3 mins

ROCK STAR

All correct in ≤ 3mins

ROCK LEGEND

All correct in ≤ 2min

ROCK HERO

All correct in ≤ 1 min

**TIMES TABLES
ROCK STARS**

Name: _____

Week 1 Session 2

2019-20

Y5 Summer Week 2

5 a week

Times Tables Rock Stars

2,3,4,5,6,7,8,9,10,11,12 Times Tables

Licensed to St Denys Primary School

1	13	25	37	49
9 18	12 96	2 20	11 121	11 11
2	14	26	38	50
10 20	8 48	7 56	12 120	9 63
3	15	27	39	51
5 10	2 10	11 99	6 36	6 6
4	16	28	40	52
7 49	5 30	11 11	11 77	6 6
5	17	29	41	53
12 96	9 99	9 90	11 11	9 36
6	18	30	42	54
4 28	7 21	4 16	10 50	7 56
7	19	31	43	55
5 50	5 45	7 14	6 18	10 30
8	20	32	44	56
2 14	6 42	9 72	4 20	9 108
9	21	33	45	57
12 60	4 4	8 64	6 30	10 90
10	22	34	46	58
3 3	10 10	12 12	9 18	2 14
11	23	35	47	59
5 60	6 72	3 18	12 12	7 84
12	24	36	48	60
3 24	12 132	7 14	2 20	3 24

Time taken

🕒 3 minute time limit 🕒

Score

60

What's your rock status?

WANNABE

< 18 correct in 3 mins

GARAGE ROCKER

18-19 correct in 3 mins

BUSKER

20-21 correct in 3 mins

GIGGER

22-24 correct in 3 mins

UNSIGNED ACT

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HEADLINER

45-59 correct in 3 mins

ROCK STAR

All correct in ≤ 3mins

ROCK LEGEND

All correct in ≤ 2min

ROCK HERO

All correct in ≤ 1 min

**TIMES TABLES
ROCK STARS**

Name: _____

Week 1 Session 3

2019-20

Y5 Summer Week 2

5 a week

Times Tables Rock Stars

2,3,4,5,6,7,8,9,10,11,12 Times Tables

Licensed to St Denys Primary School

1	12	13	2	25	2	37	6	49	11
	$\times 7$		$\times 3$		$\times 2$		$\times 2$		$\times 8$
2	10	14	8	26	2	38	4	50	2
	$\times 8$		$\times 8$		$\times 7$		$\times 4$		$\times 9$
3	2	15	7	27	10	39	12	51	7
	$\times 4$		$\times 5$		$\times 12$		$\times 12$		$\times 9$
4	6	16	2	28	4	40	11	52	4
	$\times 1$		$\times 5$		$\times 2$		$\times 7$		$\times 9$
5	7	17	2	29	9	41	2	53	12
	$\times 4$		$\times 2$		$\times 5$		$\times 10$		$\times 1$
6	12	18	5	30	10	42	4	54	6
	$\times 1$		$\times 9$		$\times 4$		$\times 7$		$\times 1$
7	11	19	2	31	4	43	5	55	2
	$\times 1$		$\times 11$		$\times 8$		$\times 11$		$\times 6$
8	4	20	7	32	7	44	10	56	9
	$\times 12$		$\times 12$		$\times 6$		$\times 5$		$\times 10$
9	5	21	10	33	10	45	8	57	12
	$\times 6$		$\times 1$		$\times 9$		$\times 8$		$\times 8$
10	5	22	3	34	7	46	7	58	9
	$\times 5$		$\times 4$		$\times 3$		$\times 2$		$\times 4$
11	3	23	7	35	4	47	11	59	3
	$\times 8$		$\times 2$		$\times 7$		$\times 10$		$\times 11$
12	10	24	10	36	5	48	8	60	5
	$\times 12$		$\times 10$		$\times 10$		$\times 12$		$\times 1$

Time taken

🕒 3 minute time limit 🕒

Score

60

What's your rock status?

WANNABE

< 18 correct in 3 mins

GARAGE ROCKER

18-19 correct in 3 mins

BUSKER

20-21 correct in 3 mins

GIGGER

22-24 correct in 3 mins

UNSIGNED ACT

25-29 correct in 3 mins

BREAKTHROUGH ARTIST

30-35 correct in 3 mins

SUPPORT ACT

36-44 correct in 3 mins

HEADLINER

45-59 correct in 3 mins

ROCK STAR

All correct in ≤ 3mins

ROCK LEGEND

All correct in ≤ 2min

ROCK HERO

All correct in ≤ 1 min

**TIMES TABLES
ROCK STARS**

Name: _____

Week 1 Session 4

2019-20

Y5 Summer Week 2

5 a week

Times Tables Rock Stars

2,3,4,5,6,7,8,9,10,11,12

Times Tables

Licensed to St Denys Primary School

1	$20 \div 10 =$ _____	21	$14 \div 7 =$ _____	41	$8 \div 8 =$ _____
2	$32 \div 8 =$ _____	22	$22 \div 2 =$ _____	42	$12 \div 12 =$ _____
3	$9 \div 9 =$ _____	23	$10 \div 10 =$ _____	43	$110 \div 11 =$ _____
4	$56 \div 7 =$ _____	24	$132 \div 12 =$ _____	44	$56 \div 7 =$ _____
5	$56 \div 8 =$ _____	25	$120 \div 12 =$ _____	45	$24 \div 12 =$ _____
6	$108 \div 12 =$ _____	26	$30 \div 5 =$ _____	46	$10 \div 2 =$ _____
7	$77 \div 7 =$ _____	27	$45 \div 9 =$ _____	47	$30 \div 3 =$ _____
8	$16 \div 8 =$ _____	28	$60 \div 12 =$ _____	48	$48 \div 4 =$ _____
9	$24 \div 3 =$ _____	29	$84 \div 7 =$ _____	49	$22 \div 2 =$ _____
10	$12 \div 3 =$ _____	30	$99 \div 11 =$ _____	50	$8 \div 2 =$ _____
11	$63 \div 7 =$ _____	31	$36 \div 4 =$ _____	51	$72 \div 9 =$ _____
12	$24 \div 8 =$ _____	32	$108 \div 9 =$ _____	52	$144 \div 12 =$ _____
13	$6 \div 3 =$ _____	33	$60 \div 6 =$ _____	53	$36 \div 4 =$ _____
14	$15 \div 3 =$ _____	34	$16 \div 8 =$ _____	54	$48 \div 6 =$ _____
15	$27 \div 3 =$ _____	35	$60 \div 12 =$ _____	55	$90 \div 9 =$ _____
16	$108 \div 9 =$ _____	36	$25 \div 5 =$ _____	56	$60 \div 12 =$ _____
17	$36 \div 3 =$ _____	37	$120 \div 12 =$ _____	57	$24 \div 6 =$ _____
18	$18 \div 6 =$ _____	38	$36 \div 12 =$ _____	58	$72 \div 8 =$ _____
19	$72 \div 6 =$ _____	39	$30 \div 10 =$ _____	59	$60 \div 12 =$ _____
20	$24 \div 12 =$ _____	40	$48 \div 4 =$ _____	60	$33 \div 3 =$ _____

Time taken

⌚ 3 minute time limit ⌚

Score

60

What's your rock status?

WANNABE

< 18 correct in 3 mins

GARAGE ROCKER

18-19 correct in 3 mins

BUSKER

20-21 correct in 3 mins

GIGGER

22-24 correct in 3 mins

UNSIGNED ACT

25-29 correct in 3 mins

BREAKTHROUGH ARTIST

30-35 correct in 3 mins

SUPPORT ACT

36-44 correct in 3 mins

HEADLINER

45-59 correct in 3 mins

ROCK STAR

All correct in ≤ 3mins

ROCK LEGEND

All correct in ≤ 2min

ROCK HERO

All correct in ≤ 1 min

**TIMES TABLES
ROCK STARS**

Name: _____

Week 1 Session 5

2019-20

Y5 Summer Week 2

5 a week

Times Tables Rock Stars

2,3,4,5,6,7,8,9,10,11,12

Times Tables

Licensed to St Denys Primary School

1	$4 \times 11 =$ _____	21	$9 \times 8 =$ _____	41	$88 \div 8 =$ _____
2	$5 \times 4 =$ _____	22	$9 \times 10 =$ _____	42	$10 \div 2 =$ _____
3	$2 \times 2 =$ _____	23	$12 \times 4 =$ _____	43	$110 \div 11 =$ _____
4	$6 \times 7 =$ _____	24	$7 \times 3 =$ _____	44	$110 \div 10 =$ _____
5	$4 \times 9 =$ _____	25	$5 \times 10 =$ _____	45	$72 \div 9 =$ _____
6	$7 \times 9 =$ _____	26	$7 \times 9 =$ _____	46	$18 \div 2 =$ _____
7	$12 \times 2 =$ _____	27	$7 \times 1 =$ _____	47	$50 \div 10 =$ _____
8	$2 \times 2 =$ _____	28	$3 \times 4 =$ _____	48	$80 \div 8 =$ _____
9	$11 \times 1 =$ _____	29	$10 \times 12 =$ _____	49	$18 \div 2 =$ _____
10	$7 \times 11 =$ _____	30	$9 \times 4 =$ _____	50	$27 \div 3 =$ _____
11	$5 \times 8 =$ _____	31	$10 \div 10 =$ _____	51	$110 \div 11 =$ _____
12	$6 \times 8 =$ _____	32	$5 \div 5 =$ _____	52	$48 \div 4 =$ _____
13	$4 \times 3 =$ _____	33	$44 \div 4 =$ _____	53	$12 \div 4 =$ _____
14	$7 \times 2 =$ _____	34	$12 \div 3 =$ _____	54	$8 \div 4 =$ _____
15	$7 \times 7 =$ _____	35	$110 \div 10 =$ _____	55	$50 \div 10 =$ _____
16	$7 \times 9 =$ _____	36	$66 \div 11 =$ _____	56	$88 \div 11 =$ _____
17	$7 \times 7 =$ _____	37	$18 \div 6 =$ _____	57	$108 \div 9 =$ _____
18	$9 \times 6 =$ _____	38	$25 \div 5 =$ _____	58	$27 \div 9 =$ _____
19	$10 \times 5 =$ _____	39	$45 \div 5 =$ _____	59	$27 \div 9 =$ _____
20	$7 \times 2 =$ _____	40	$8 \div 4 =$ _____	60	$63 \div 7 =$ _____

Time taken

3 minute time limit

Score

60

Add up your time

Mins

S1 _____

S2 _____

S3 _____

S4 _____

S5 _____

Total _____

Secs

S1 _____

S2 _____

S3 _____

S4 _____

S5 _____

Total _____

Add up your score

S1 _____

S2 _____

S3 _____

S4 _____

S5 _____

Total _____



Captain Tom Raises over £12 Million for NHS

What is Captain Tom Moore doing?

- Captain Tom Moore, 99, is raising money for the NHS.
- He has completed 100 laps of his garden before his 100th birthday on 30th April. At 8:00 a.m. on 16th April, he'd raised over £12 million.

A 99-year-old Second World War **veteran** has raised millions for the **NHS**. By Thursday morning, he had raised over £12 million!

Tom Moore, also known as Captain Tom, has completed 100 laps of his garden in Bedfordshire. He wanted to finish before his 100th birthday.

Captain Tom wanted to show support for NHS workers as they help those affected by COVID-19. Since 9th April, he's completed ten laps a day of his 25-metre garden.

At first, Captain Tom set himself the target of raising £1000. However, he inspired so many people that this target was soon overtaken!

After 24 hours, he'd raised £70 000; then, by 14th April, the donations totalled £1 million. When it reached £2.5 million, he said on social media, "Never in my wildest imagination did I think this would be possible."

By the evening of 14th April, he'd raised £4 million. A message said, "WOW!... cannot wait to tell the news to Tom in the morning."

Captain Tom had aimed to finish the challenge on 30th April. However, he completed it on 16th April — 14 days earlier! The moment was on live TV.

Tom has been raising money for the NHS Charities Together. Ellie Horton, from the group, said they were "humbled by Captain Tom and what he's achieved."

Today's story comes as people are showing

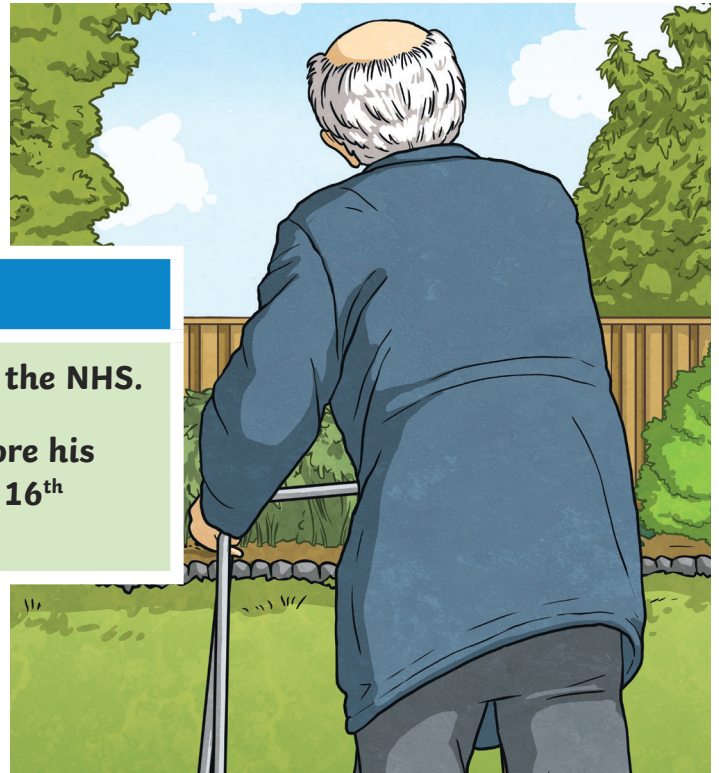


Illustration: Tom Moore completing his challenge.

support for each other at the moment. In the UK, every Thursday at 8 p.m., people have gone to their windows, front doors or balconies to clap NHS workers. NHS Charities Together wants people to donate money while they clap. They want to raise £5 million.

Children have been painting pictures of rainbows and putting teddy bears in windows to cheer people up. Around 750 000 adults have also become NHS **volunteers**. They'll help **vulnerable** people with a variety of jobs.

Glossary

veteran An ex-member of the armed forces.

NHS The National Health Service, which is responsible for healthcare in the UK.

volunteers People who give up their time for free to do something.

vulnerable In need of special care.

Questions

Captain Tom Raises over £12 Million for NHS

1. Why do you think Captain Tom wanted to complete 100 laps of his garden?

2. Compare and contrast what Captain Tom wanted to raise at the start with what he has now achieved.

3. "Never in my wildest imagination did I think this would be possible."
This suggests that...

- ☐ Captain Tom wants to raise even more money.
- ☐ Captain Tom was completely surprised by the amount he'd raised.
- ☐ Captain Tom is going to do 200 laps.
- ☐ Captain Tom wants everyone to do laps of their garden.

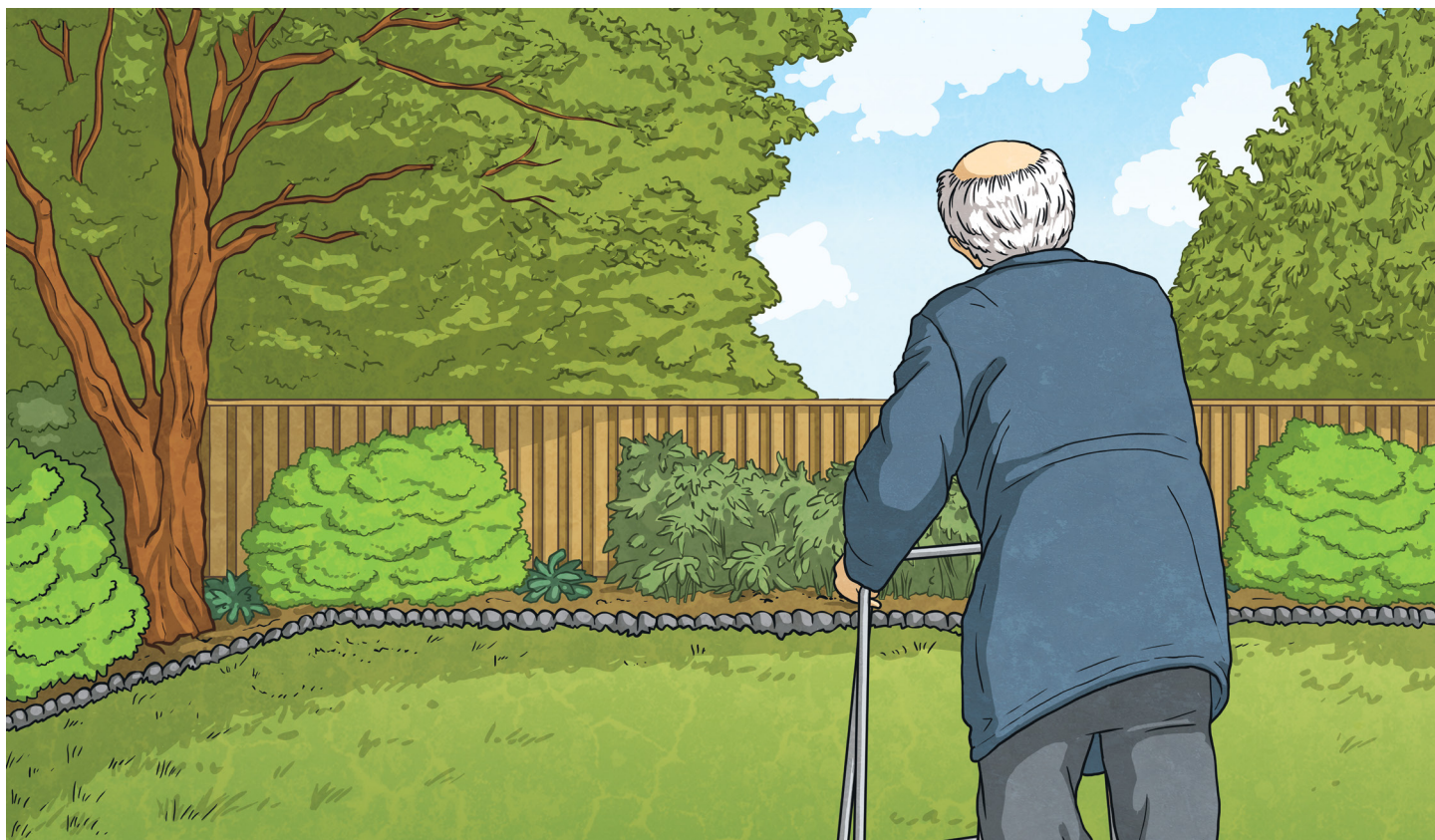
4. Ellie Horton from the group said they were "humbled by Captain Tom and what he's achieved."

Tick the word that is closest in meaning to 'humbled'.

- ☐ impressed
- ☐ happy
- ☐ interested
- ☐ calm

5. Lots of people are inspired by NHS workers. Find and copy a piece of evidence that shows this.

6. Write a summary of the story in 20 words or fewer.



Think

Who is this man? Where is he going?
Why is he walking every day?



Respond

Write some interview questions that you could ask Captain Moore. Conduct an interview as if you are Captain Moore.



Solve

Captain Moore walks 10 laps a day of the 25-metre loop in his garden. How many laps will he have to walk before he has walked 100 metres? How far will he walk after 100 laps? How far will he have walked after three weeks (in km)?



Reimagine

Captain Moore trained as a civil engineer. Use your engineering skills to build a model bridge. How far can it span?



Discuss

Why do we give money to charity?
How else can we support those in need?
Is donating money the only way we can help charitable organisations?



Discover

Fact: Captain Moore is raising money for NHS Charities Together.

Question: What is NHS Charities Together? When was it set up? Why? Who does the charity help?

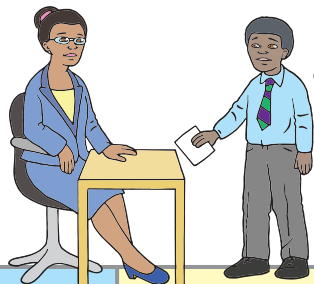


Practice Sheet

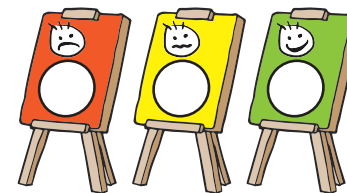
Term 3 Set 1 Week 1

Name Date

Spelling patterns **silent k, w, b, t, h, s; extension**; word list



I'll be honest with you, Miss.
I knew all the answers,
apart from plumber.



Spellings	Write	Write	Cover and write	Cover and write
knew				
wrestle				
bomb				
fasten				
honest				
island				
plumber				
honour				
sincere				
soldier				

Total /10

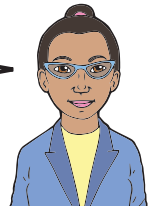


Activity Sheet

Term 3 Set 1 Week 1

Name

Put the following words with silent letters into groups of the same spelling pattern.



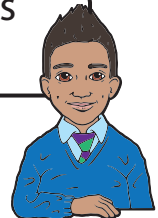
wreck climb island honest wrinkle knew
isle bomb fasten hour listen knight knock
knuckle ghost debris thumb crumb aisle
thistle exhaust answer wrestle sword

I'm collecting words with a silent **k**.



.....
.....

I'm collecting words with a silent **w**.



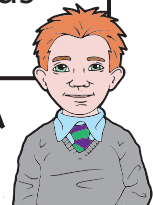
.....
.....

I'm collecting words with a silent **b**.



.....
.....

I'm collecting words with a silent **t**.



.....
.....

I'm collecting words with a silent **h**.



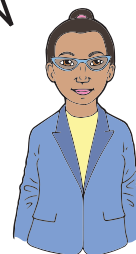
.....
.....

I'm collecting words with a silent **s**.



.....
.....

The children in my class have written some sentences, but they have made some spelling mistakes. Identify the mistakes and write the correct spellings above.



The boy couldn't undo the not in his shoelaces.

The teacher didn't expect me to no the anser to the question.

The caretaker will have to clime onto the roof to get the ball.

Why will nobody lissen to my ideas for a change?

I'm being onest, but nobody will believe me.

I wanted to sit on an ial seat.

Spud got out because the gate hadn't been fasened.

At the end of the art lesson, it looked like a bom had hit the classroom.

After the cross-country race, we were completely exhausted.

Now use these same words to write sentences of your own.

.....

.....

.....

.....

.....

.....

.....

.....

.....



People Climb Everest on Their Staircases

What is Mount Everest?

- Mount Everest is the tallest mountain in the world and is part of the Himalayas.
- It's around 8800m high and is on the border between Nepal and China.

Lots of people have been trying to do exercise indoors at the moment! But one man has literally gone the extra mile! He climbed the height of Mount Everest (around 8800m) on his staircase.

John Griffin, from Shoreham, UK, did the challenge to raise money for charity. It took him 29 hours to complete it and he did different stages of the ascent over four days. He completed over 40 000 steps!

On social media, John thanked his family for their support. He also said he was **exhausted** and will stay on the ground floor for a while!

John isn't the only person who's scaled Everest on their staircase. A 12-year-old boy has done the same too! After his trip to climb Scafell Pike (the highest mountain in England) was cancelled, he felt he had to do something. He climbed his stairs 2507 times to achieve his goal of climbing the height of Everest!

Governments have been asking people to stay at home to keep safe. This has led many people to come up with fitness **routines** they can do at home.

For example, a man in Toulouse, France, ran a marathon on his 7-metre balcony. Elisha Nochomovitz ran 26.2 miles (42.2km) up and down the balcony.

Elisha is an experienced runner and had completed 36 marathons before this challenge. Many people around the world are finding



Photo: A man has climbed Everest on his stairs.

ways to do exercise indoors. Some people are watching daily fitness programmes. Others are doing activities, such as yoga and mindfulness. You can even do online dance lessons to keep yourself moving!

Joe Wicks has been holding fitness **sessions** every morning for children. He's called himself the nation's PE teacher. The lessons can be found on the Twinkl Home Learning Hub and happen at 9 a.m. every weekday. They have proved to be really popular, with over 1 million **subscribers**.

Glossary

exhausted	Very tired.
routine	Something that happens regularly.
sessions	A period of time where something is done.
subscribers	People who follow something.

Questions

1. Find and copy the two facts about John Griffin's staircase challenge.

1. _____

2. _____

2. '...he did different stages of the ascent over four days'

Tick the verb that is closest in meaning to 'ascent'.

☐ climb up

☐ climb down

☐ recover

☐ rest

3. Why do you think John might be staying on the ground floor for a while? Explain your answer.

4. Elisha Nochomovitz was used to running marathons. Find and copy a piece of information that shows this.

5. Why do you think Joe Wicks has called himself the nation's PE teacher? Explain your answer.

6. Tick the headline that best summarises the story.

☐ Time to Climb Stairs to Moon

☐ People Finding Ways to Do Exercise at Home

☐ Can't Do Fitness Activities Indoors

☐ TV Is Better than Exercise



Think

Where is this man going? What will he do when he gets there?



Respond

Imagine your staircase is a mountain. Write an account of your perilous journey to the summit.



Solve

Measure the height of one of your stairs. Calculate the height of the staircase. How many steps would you have to climb to reach 100 metres?



Challenge: How many steps would you have to climb to reach the height of Mount Everest (8848m)?

Discuss

Why is exercise important? What can you do to keep fit?



Reimagine

Paint a picture of a mountain. You could make it calm and peaceful or the scene of a mighty storm.



Discover

Fact: The Tibetan name for Mount Everest is Qomolangma which means 'Goddess' or 'Holy Mother'.

Question: How did it get the name Everest? By what other names has it been known?



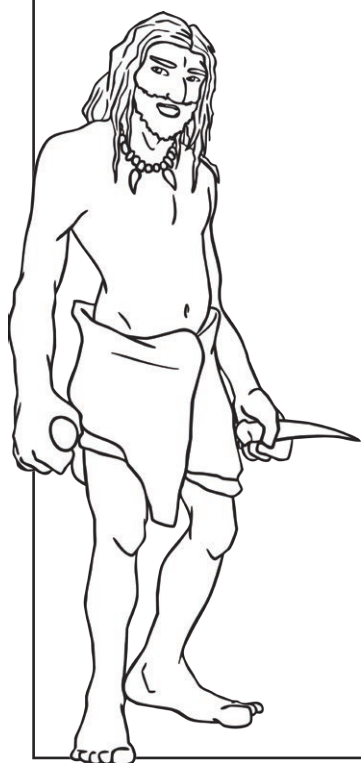
Cavemen Column Addition

These cave people from the Stone Age have been collecting lots of food for their tribe to eat. For the entire month, Taruk and Renn have been collecting nuts and insects. Can you calculate how much they have collected of each item altogether? Use column addition to calculate your answers. Show your working out in the space below.

Item	Taruk	Renn	Total
Sunflower Seeds	5287	3142	
Hazelnuts	1438	2592	
Nettle Leaves	3584	1583	
Snails	1305	2358	
Caterpillars	468	967	
Mussels	2549	1348	
Juniper Berries	3462	2344	
Eggs	926	2051	

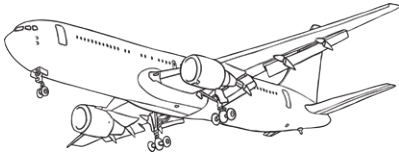


Show your working out here:



Transport Subtraction

Each of the vehicles below are on a journey. Each have completed part of the journey, but still have a long way to travel. Use column subtraction to calculate how much further each one has to travel to arrive at their destination.



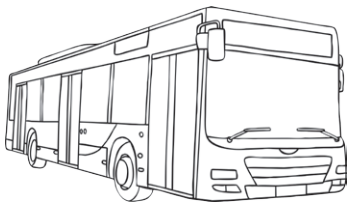
Aeroplane

Journey: 3470 miles

Completed so far: 2140 miles

$$\begin{array}{r} 3 \ 4 \ 7 \ 0 \\ - 2 \ 1 \ 4 \ 0 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



Bus

Journey: 7845 miles

Completed so far: 3623 miles

$$\begin{array}{r} 7 \ 8 \ 4 \ 5 \\ - 3 \ 6 \ 2 \ 3 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



Truck

Journey: 7403 miles

Completed so far: 4189 miles

$$\begin{array}{r} 7 \ 4 \ 0 \ 3 \\ - 4 \ 1 \ 8 \ 9 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



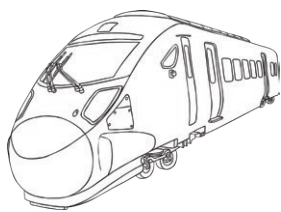
Car

Journey: 6074 miles

Completed so far: 4638 miles

$$\begin{array}{r} 6 \ 0 \ 7 \ 4 \\ - 4 \ 6 \ 3 \ 8 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



Train

Journey: 4061 miles

Completed so far: 3623 miles

$$\begin{array}{r} 4 \ 0 \ 6 \ 1 \\ - 3 \ 6 \ 2 \ 3 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



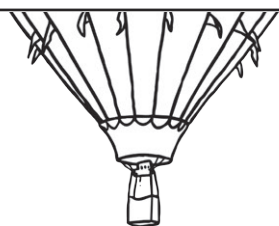
Helicopter

Journey: 8053 km

Completed so far: 6645 km

$$\begin{array}{r} 8 \ 0 \ 5 \ 3 \\ - 6 \ 6 \ 4 \ 5 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



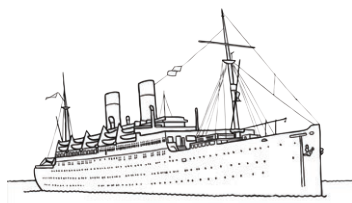
Hot Air Balloon

Journey: 6502 km

Completed so far: 3679 km

$$\begin{array}{r} 6 \ 5 \ 0 \ 2 \\ - 3 \ 6 \ 7 \ 9 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



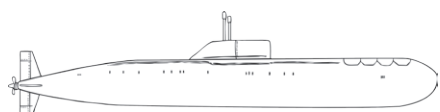
Ship

Journey: 5082 km

Completed so far: 2674 km

$$\begin{array}{r} 5 \ 0 \ 8 \ 2 \\ - 2 \ 6 \ 7 \ 4 \\ \hline \\ \hline \end{array}$$

Remaining distance: _____



Submarine

Journey: 8604 miles

Completed so far: 4793 miles

$$\begin{array}{r} 8 \ 6 \ 0 \ 4 \\ - 4 \ 7 \ 9 \ 3 \\ \hline \\ \hline \end{array}$$

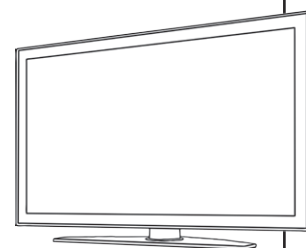
Remaining distance: _____

Super Sale

At the department store, there was a special one-day sale on all items. Below you will find the shopping for one customer with the original price and the sale price of each item they bought. Calculate the money saved on each item by using **column subtraction**. Use the space below the table to complete your calculations, and then write your answers on the table.

Item	Original Price	Sale Price	Money Saved
A television	£1467	£623	
A kettle	£24.36	£8.24	
A mirror	£89.43	£11.51	
A new coat	£54.72	£22.16	
Shoes	£72.38	£24.25	
A jumper	£36.00	£12.48	
A dress	£43.56	£12.82	
A new coat	£58.25	£32.43	

Show your working out here:



Problem Time

Below are a series of word problems. Use your knowledge of column addition and subtraction to help you solve the problems. Use the space below each one to show your working out.

1. Tony has £46.00.



T-Shirt £8.92



Jeans £16.45



Sunglasses £5.42

He buys 2 T-shirts, a pair of jeans and a pair of sunglasses.
How much money does he have remaining?

£

2. Pierre Bisicleta is competing in the Tour de France.
Here are the distances for how far he has travelled on the first two days.



Monday 1456 km



Tuesday 1378 km

He needs to achieve a total of 3128km by Wednesday evening.
How much further does he need to cycle to achieve his target?

km

Create your own alien from another planet. Draw a picture or make a model and write a paragraph to describe it.



Design and make a space rocket that could be used to explore other planets.



Move it!



#MathsEveryoneCanAtHome

Obstacle courses can be a fun way to use positional and directional language as well as a way to get moving!



Can you make an indoor or an outdoor obstacle course?

Draw a plan before you build it.

Describe the route using words such as over, under, through, between etc.

How long does your course take to complete?

Don't forget to share your photos or plans!

Make it!



#MathsEveryoneCanAtHome

We love looking for patterns all around us. It's amazing how many patterns we can spot around the house, especially in our food!

Look at the patterns inside these objects. Can you describe the patterns? Make your own pattern in a circle or a spiral using different items e.g. buttons, pebbles, leaves etc.



Can you draw or photograph the pattern you have made?

Don't forget to share your photos and drawings!

Move it!



#MathsEveryoneCanAtHome

Drawing a map is a good way to consider scale and the shape of buildings and streets from a bird's eye view.

Make a map of your street or local area.

Can you write directions for a route around your map?

You could follow the route on your daily walk.



Could you draw your map on a co-ordinate grid?

We can't wait to see your maps!