

# St Denys Primary School



**Y5 Home Learning  
Week beginning  
18<sup>th</sup> May 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

Today you are going to write a narrative or story. The idea for your story is '**Up, Up and Away**'.

- You could write about an animal that flies or a person that has an adventure in an aeroplane or hot air balloon.
- You might want to write about something that floats or flies away.



## 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?



Blank writing area with horizontal lines.



Blank writing area with horizontal lines.

Blank writing area with horizontal lines.



Blank writing area with horizontal lines.

Name: \_\_\_\_\_

Week 1 Session 1

2019-20

Year 5

5 a week

## Times Tables Rock Stars

## 6,7,8,9,11,12 Times Tables

Licensed to St Denys Primary School

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

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

Year 5

5 a week

# Times Tables Rock Stars

## 6,7,8,9,11,12 Times Tables

Licensed to St Denys Primary School

1	13	25	37	49
9   54	8   72	11   88	9   36	9   54
2	14	26	38	50
6   54	12   96	12   48	11   11	9   72
3	15	27	39	51
11   99	6   36	8   40	7   49	8   24
4	16	28	40	52
7   84	9   18	12   144	6   18	11   22
5	17	29	41	53
7   49	9   9	7   77	11   99	7   49
6	18	30	42	54
12   60	8   32	9   36	6   66	9   63
7	19	31	43	55
12   84	7   77	7   21	7   35	12   120
8	20	32	44	56
6   36	7   42	8   8	6   60	8   56
9	21	33	45	57
12   36	7   63	9   63	12   132	11   110
10	22	34	46	58
8   88	12   36	11   22	8   48	6   6
11	23	35	47	59
11   88	11   99	12   108	6   30	6   6
12	24	36	48	60
7   63	6   12	9   63	12   96	11   132

Time taken

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Score

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What's your rock status?

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All correct in ≤ 3mins

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All correct in ≤ 2min

**ROCK HERO**

All correct in ≤ 1 min

**TIMES TABLES  
ROCK STARS**

Name: \_\_\_\_\_

Week 1 Session 3

2019-20

Year 5

5 a week

## Times Tables Rock Stars

## 6,7,8,9,11,12 Times Tables

Licensed to St Denys Primary School

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

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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

Year 5

5 a week

## Times Tables Rock Stars

## 6,7,8,9,11,12 Times Tables

Licensed to St Denys Primary School

1	$49 \div 7 =$ _____	21	$36 \div 9 =$ _____	41	$64 \div 8 =$ _____
2	$21 \div 7 =$ _____	22	$66 \div 11 =$ _____	42	$99 \div 9 =$ _____
3	$88 \div 11 =$ _____	23	$56 \div 8 =$ _____	43	$64 \div 8 =$ _____
4	$44 \div 11 =$ _____	24	$21 \div 7 =$ _____	44	$56 \div 7 =$ _____
5	$72 \div 8 =$ _____	25	$49 \div 7 =$ _____	45	$18 \div 6 =$ _____
6	$11 \div 11 =$ _____	26	$54 \div 6 =$ _____	46	$35 \div 7 =$ _____
7	$55 \div 11 =$ _____	27	$72 \div 8 =$ _____	47	$42 \div 7 =$ _____
8	$96 \div 8 =$ _____	28	$36 \div 6 =$ _____	48	$30 \div 6 =$ _____
9	$40 \div 8 =$ _____	29	$32 \div 8 =$ _____	49	$6 \div 6 =$ _____
10	$55 \div 11 =$ _____	30	$24 \div 6 =$ _____	50	$110 \div 11 =$ _____
11	$36 \div 12 =$ _____	31	$14 \div 7 =$ _____	51	$63 \div 9 =$ _____
12	$96 \div 8 =$ _____	32	$132 \div 11 =$ _____	52	$32 \div 8 =$ _____
13	$96 \div 12 =$ _____	33	$77 \div 11 =$ _____	53	$55 \div 11 =$ _____
14	$11 \div 11 =$ _____	34	$96 \div 8 =$ _____	54	$72 \div 9 =$ _____
15	$16 \div 8 =$ _____	35	$66 \div 6 =$ _____	55	$24 \div 12 =$ _____
16	$84 \div 7 =$ _____	36	$77 \div 11 =$ _____	56	$72 \div 6 =$ _____
17	$60 \div 6 =$ _____	37	$54 \div 9 =$ _____	57	$42 \div 6 =$ _____
18	$27 \div 9 =$ _____	38	$48 \div 6 =$ _____	58	$96 \div 8 =$ _____
19	$54 \div 9 =$ _____	39	$72 \div 9 =$ _____	59	$66 \div 6 =$ _____
20	$48 \div 6 =$ _____	40	$56 \div 8 =$ _____	60	$36 \div 6 =$ _____

Time taken

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Score

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**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

Year 5

5 a week

## Times Tables Rock Stars

## 6,7,8,9,11,12 Times Tables

Licensed to St Denys Primary School

1	$8 \times 11 =$ _____	21	$8 \times 10 =$ _____	41	$22 \div 11 =$ _____
2	$12 \times 6 =$ _____	22	$12 \times 9 =$ _____	42	$60 \div 6 =$ _____
3	$9 \times 2 =$ _____	23	$6 \times 6 =$ _____	43	$96 \div 12 =$ _____
4	$7 \times 7 =$ _____	24	$9 \times 6 =$ _____	44	$16 \div 8 =$ _____
5	$12 \times 7 =$ _____	25	$9 \times 3 =$ _____	45	$72 \div 9 =$ _____
6	$7 \times 4 =$ _____	26	$6 \times 5 =$ _____	46	$12 \div 12 =$ _____
7	$6 \times 11 =$ _____	27	$11 \times 4 =$ _____	47	$72 \div 12 =$ _____
8	$6 \times 2 =$ _____	28	$7 \times 2 =$ _____	48	$8 \div 8 =$ _____
9	$7 \times 4 =$ _____	29	$11 \times 6 =$ _____	49	$42 \div 6 =$ _____
10	$11 \times 11 =$ _____	30	$9 \times 12 =$ _____	50	$144 \div 12 =$ _____
11	$6 \times 11 =$ _____	31	$72 \div 12 =$ _____	51	$44 \div 11 =$ _____
12	$12 \times 7 =$ _____	32	$81 \div 9 =$ _____	52	$49 \div 7 =$ _____
13	$11 \times 7 =$ _____	33	$90 \div 9 =$ _____	53	$40 \div 8 =$ _____
14	$9 \times 6 =$ _____	34	$30 \div 6 =$ _____	54	$81 \div 9 =$ _____
15	$8 \times 7 =$ _____	35	$84 \div 12 =$ _____	55	$60 \div 6 =$ _____
16	$12 \times 6 =$ _____	36	$72 \div 8 =$ _____	56	$33 \div 11 =$ _____
17	$12 \times 12 =$ _____	37	$48 \div 8 =$ _____	57	$30 \div 6 =$ _____
18	$11 \times 7 =$ _____	38	$72 \div 9 =$ _____	58	$96 \div 12 =$ _____
19	$9 \times 10 =$ _____	39	$56 \div 7 =$ _____	59	$11 \div 11 =$ _____
20	$12 \times 11 =$ _____	40	$72 \div 12 =$ _____	60	$40 \div 8 =$ _____

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 \_\_\_\_\_

## NASA and SpaceX Prepare for Mission to ISS

### What are NASA and SpaceX doing?

- NASA is working with a company called SpaceX to send two astronauts to the International Space Station (ISS).
- NASA is working with businesses to investigate how new spacecraft can be launched into space.

**Set the controls and get ready for lift-off! NASA and SpaceX are working together to send two astronauts into space.**

The mission is set to launch on 27<sup>th</sup> May from the Kennedy Space Centre in Florida. A spacecraft with people on board has not left the USA since 2011. This mission, though, will be particularly significant for other reasons.

It will be the first time that SpaceX will have sent two astronauts into space. The company wants to be able to launch commercial flights into space in the future. On its website, it says it has the goal of 'enabling people to live on other planets'.

The company has done a series of tests to check that the mission will be safe. Last year, they launched Demo 1, a spacecraft without a crew, to check their spacecraft was safe to use.

This mission, Demo 2, will have astronauts on board. Bob Behnken and Doug Hurley will be heading to the International Space Station (ISS) on a rocket called Falcon 9.

The ISS is a spacecraft that orbits Earth. It's about 250 miles above Earth and is a place where scientists carry out research into our Solar System.

The two astronauts are expected to reach the ISS the day after their launch, on 28<sup>th</sup> May. It's not clear yet how long the astronauts will spend on the ISS.



Photo: A SpaceX rocket being prepared.

NASA plans to send more astronauts into space to learn more about our Solar System. As part of a program called Artemis, it wants to send astronauts to the Moon by 2024. It will be the first time an astronaut has been to the Moon since 1972.

During the Artemis Program, a woman will walk on the Moon for the first time. NASA says that the astronauts will then use what they find out on the Moon to help them when they travel to Mars for the first time.

For now, though, all eyes will be set on seeing how this mission fares.

### Glossary

<b>spacecraft</b>	A vehicle that travels through space.
<b>commercial</b>	To sell something in order to make a profit.
<b>orbit</b>	To travel around another object in space.
<b>fares</b>	How something turns out over a period of time.

# Questions

1. 'This mission, though, will be particularly significant.'  
Tick the word that is closest in meaning to 'significant'.

- ☐ exciting
- ☐ important
- ☐ interesting
- ☐ unusual

2. What was the main difference between Demo 1 and Demo 2?

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3. 'They want to be able to launch commercial flights into space in the future.'  
This suggests that...

- ☐ Only astronauts will travel in space in the future.
- ☐ People may be able to buy tickets to travel into space.
- ☐ There are no plans for people to go into space after this mission.
- ☐ Space travel for ordinary people will be impossible.

4. Find and copy two reasons why the Artemis program could be an important moment in history.

1. 

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2. 

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5. Do you think space travel will be more common in the future? Explain your answer.

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6. Explain what the story is about in 15 words or fewer.

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## Think

What is this rocket carrying? Who is onboard? Where are they going?



## Respond

Write a checklist for going into space. What will you need to survive?



## Solve

Russian cosmonaut Valeri Polyakov spent 437 days, 17 hours, 58 minutes aboard the Mir space station from January 1994 to March 1995. How many full weeks is that? How many hours?



## Discuss

Will humanity need to live in space in the future? Why? What will humans need to survive in space?



## Reimagine

Build a model space capsule with a parachute. Test the parachute to see if it brings the rocket safely back to earth.



## Discover

**Fact:** This will be the first manned space mission to launch from the USA since 2011.

**Question:** How many NASA astronauts have been into space? How many people have been into space in total?





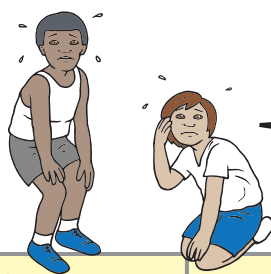
# Practice Sheet

Term 3 Set 1 Week 4

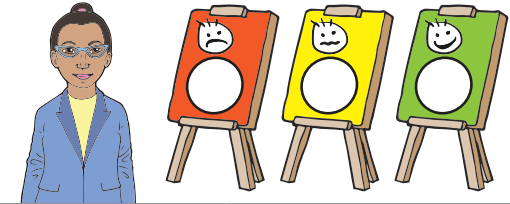
Name ..... Date .....

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

I'm exhausted after that cross-country run.



I feel like a wreck too!



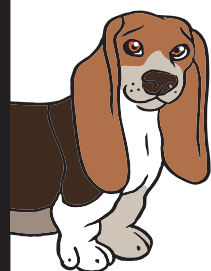
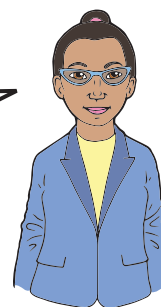
Spellings	Write	Write	Cover and write	Cover and write
knuckle				
wreck				
crumb				
whistle				
exhaust				
isle				
doubtful				
rhombus				
twelfth				
vegetable				

Total /10



## Spud's Spelling Search

Find as many words as possible from Set 1.  
You may use a list to help you.



D	M	T	U	T	B	X	R	H	O	E	Y	X	O	G
R	W	R	S	M	S	E	O	L	N	R	I	I	C	B
O	O	E	I	U	I	U	H	O	N	E	S	T	M	I
W	F	L	N	D	A	N	G	J	P	C	T	O	P	S
S	C	X	L	K	T	H	G	G	K	N	B	S	Y	L
S	T	O	M	A	C	H	X	N	E	I	V	M	A	E
K	S	C	B	K	O	S	I	E	T	S	B	T	K	F
N	N	R	C	S	C	G	T	H	Z	O	T	W	P	V
E	W	U	T	U	H	E	I	E	L	T	S	E	R	W
T	R	M	C	T	M	S	R	I	P	R	G	L	T	D
S	I	B	S	K	T	R	E	W	S	N	A	F	O	E
I	N	L	R	L	L	H	O	U	R	L	W	T	N	B
L	K	E	E	H	M	E	T	S	Y	S	A	H	K	R
E	L	S	I	A	T	H	U	M	B	U	Y	N	V	I
V	E	G	E	T	A	B	L	E	S	K	J	X	D	S

There are **32 words** from **Set 1** to find. They are set out horizontally, vertically and diagonally. To make it harder, some words read backwards. Write the words as you find them on the lines below.

.....

.....

.....

.....

.....

.....

.....

.....

# Activity Sheet

## Term 3 Set 1 Week 4

Name .....

**Below is a list of words you have been learning from Set 1.**

You and your partner have ten minutes to write as many sentences as you can containing these words. You score **1 point** for every sentence using one of the correctly spelt words from the list. You score **3 points** if you manage to write a sentence using two of the words.

Each sentence must consist of seven words or more. Good luck!

knew knight knot knuckle wreck wrinkle answer  
sword bomb climb thumb crumb fasten listen  
thistle wrestle honest hour ghost exhaust island  
aisle debris isle sincere soldier stomach  
suggest symbol system twelfth vegetable

[illegible]



## Cookies to Be Baked on ISS for the First Time

### What is the International Space Station (ISS)?

- The ISS is a spacecraft that orbits the Earth. It's a place where astronauts carry out research.
- At night time, you can even see it hurtling across the sky. NASA says it takes 90 minutes to complete one orbit of our planet.

**"Houston, we have cookie dough!" Yes, you heard correctly. Astronauts will be trying to make chocolate chip cookies on the International Space Station (ISS)!**

An oven and cookie dough are being sent on a [spacecraft](#). It set off from [NASA's](#) Wallops Island spaceport in Virginia, USA, on Saturday.

The oven is not the only thing that is being delivered to the ISS! The spacecraft is also taking parts of a sports car and a vest to protect against [radiation](#).

The ISS is a spacecraft that [orbits](#) the Earth. It's a place where astronauts research space, with scientists coming from all over the world to work on the station.

At night time, you can even see it hurtling across the sky. Since 2000, there have always been scientists working there.

It may sound strange but baking cookies is actually a really important experiment for NASA.

The space agency wants to know if it's possible to bake fresh food in space.

This will be the first time that anyone has done this. Scientists will be looking to see how the cookies come out and how they taste.

Conditions in space make it difficult to cook. Firstly, there's zero gravity. Gravity is the force that keeps us grounded on Earth. So it will be interesting to see the challenges that astronauts have to overcome to bake them.

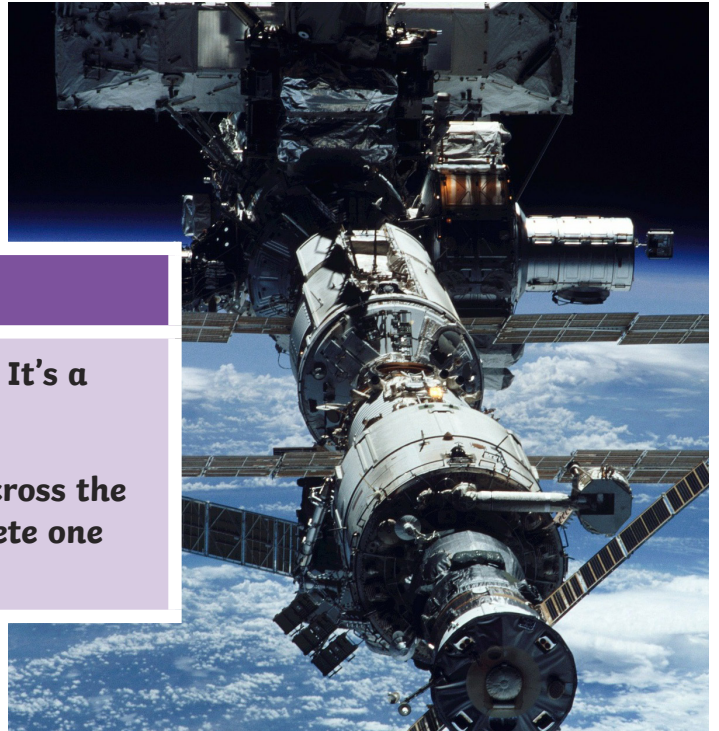


Photo: Astronauts will bake cookies on the ISS.

The oven won't just be used to make cookies if it's successful. It will be used to cook meals for astronauts when they're on long missions in space.

NASA has some ambitious plans for space exploration. As part of a project called Artemis, it wants to go back to the Moon by 2024 and then Mars.

The spacecraft is expected to reach the ISS on Monday. Who knows what the cookies will look and taste like?

Let's just hope they're as tasty in space as they are on Earth!

### Glossary

<b>NASA</b>	US National Aeronautics and Space Administration.
<b>spacecraft</b>	A vehicle that is used in space.
<b>radiation</b>	The emission of electromagnetic waves which cause a chemical reaction.
<b>orbits</b>	When something travels around another object in space.

# Questions

1. Find and copy three facts about the spacecraft that's delivering the cookie dough.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

2. 'NASA has some ambitious plans for space exploration.'

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

- ☐ challenging
- ☐ easy
- ☐ simple
- ☐ unexciting

3. Gravity is an important force. Find a piece of evidence that supports this statement.

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4. Do you think the experiment will be successful? Explain your answer.

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5. How do you think the author feels about this story? Explain your answer.

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6. Summarise the story in 20 words.

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# Long Multiplication Practice – 3 Digits × 2 Digits

1.

		1	6	1
×			2	3

2.

		2	3	2
×			2	6

3.

		6	1	4
×			1	8

4.

		9	6	9
×			9	5

5.

		7	4	0
×			9	6

6.

		3	6	2
×			5	8

7.

		3	0	5
×			7	1

8.

		3	7	0
×			6	4

9.

		5	8	4
×			1	5

10.

		8	5	1
×			8	9

11.

		7	4	9
×			9	8

12.

		4	8	2
×			2	3

13.

		6	4	6
×			1	0

14.

		7	0	9
×			1	7

15.

		9	1	4
×			5	7

16.

		7	1	8
×			4	5

# Long Multiplication Practice – 4 Digits × 2 Digits

1.					
		2	1	9	0
×				6	9

2.					
		1	3	4	2
×				5	2

3.					
		1	5	2	1
×				7	3

4.					
		1	1	4	3
×				3	4

5.					
		2	4	6	8
×				2	7

6.					
		1	8	9	5
×				4	6

7.					
		1	4	6	2
×				7	0

8.					
		1	2	3	9
×				1	9

9.					
		1	3	5	9
×				7	7

10.					
		2	1	2	7
×				4	8

11.					
		1	9	2	0
×				1	2

12.					
		2	2	9	1
×				4	0

# Multiplication Grids

## Multiplying 4-Digit Numbers by 1-Digit Numbers Using the Grid Method

1.

×	6000	100	30	9
7				

6.

×	3000	900	20	2
5				

2.

×	6000	900	70	5
3				

7.

×	3000	300	40	9
7				

3.

×	8000	200	80	3
5				

8.

×	8000	400	80	2
5				

4.

×	5000	600	20	0
5				

9.

×	1000	900	40	5
7				

5.

×	2000	400	00	7
9				

10.

×	5000	800	50	6
5				

1.  $6586 \times 5 =$

6.  $1815 \times 6 =$

2.  $6682 \times 9 =$

7.  $8292 \times 8 =$

3.  $9870 \times 4 =$

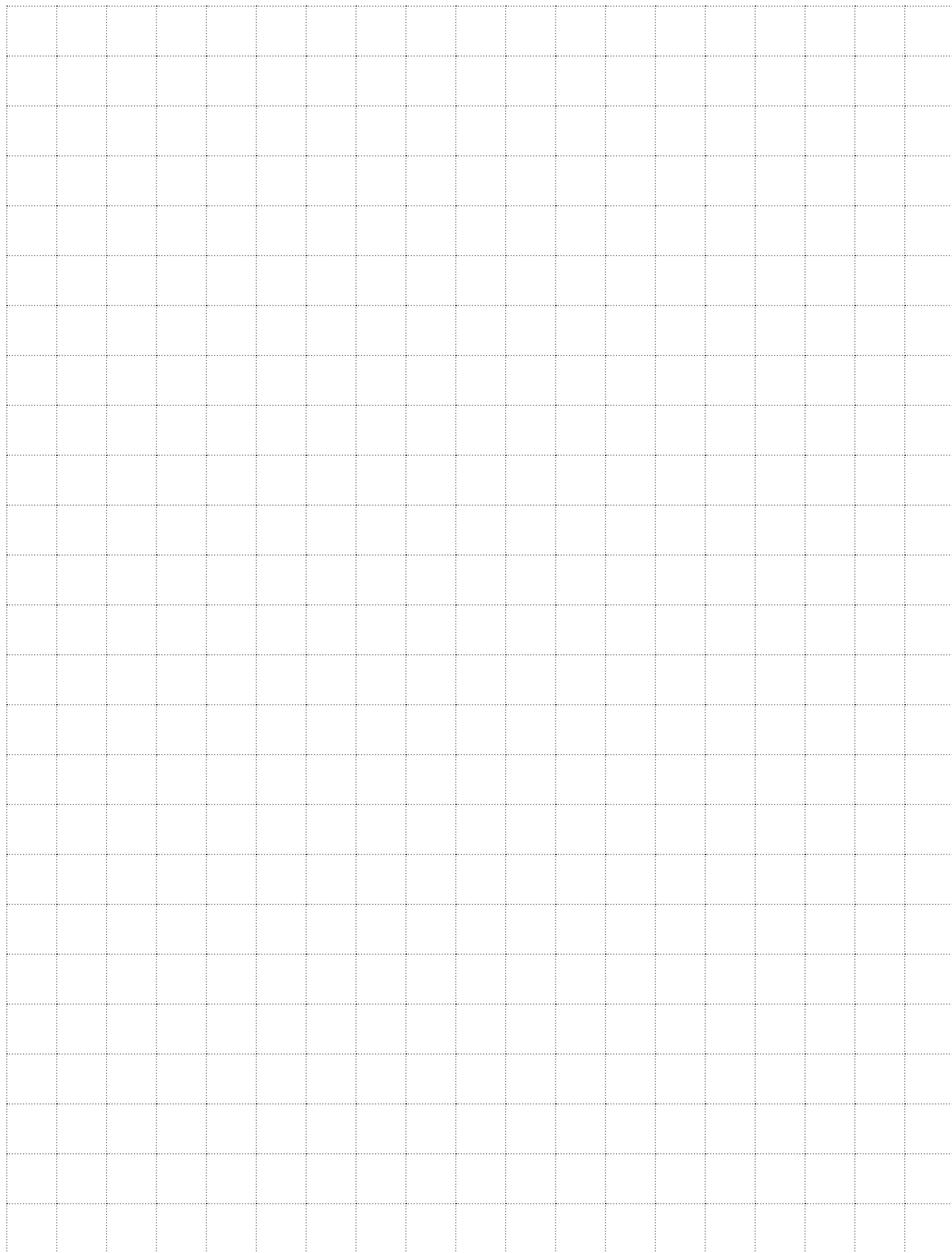
8.  $8940 \times 8 =$

4.  $1476 \times 4 =$

9.  $5512 \times 5 =$

5.  $4217 \times 7 =$

10.  $9706 \times 8 =$



# Short Division

1.

2	4	1				

2.

8	2	5	7			

3.

9	3	9	9			

4.

5	2	1	4			

5.

7	5	4	5			

6.

9	8	6	7			

7.

5	4	3	3			

8.

5	1	3	7			

9.

7	4	3	9			

10.

8	4	8	9			

11.

1	1	3	4	2		

12.

1	2	2	9	8		



# Short Division Practice 4 Digits Divided By 1 Digit

Divide the numbers up to four digits by a one-digit number using the formal written method of short division. Some of the answers will have a remainder.

1.

2	2	9	5	2

2.

4	6	8	0	8

3.

4	9	6	7	2

4.

6	9	7	9	2

5.

8	5	0	9	6

6.

9	1	3	3	2

7.

8	9	6	8	8

8.

5	3	4	6	2

9.

4	7	6	4	3

10.

7	6	9	2	1

11.

9	4	5	3	2

12.

3	8	6	5	3

13.

7	3	4	3	6

14.

9	6	4	3	7



# Spanish Days of the Week Tracing Activity

lunes

martes

miércoles

jueves

viernes

sábado

domingo



junio  
julio  
agosto



diciembre  
enero  
febrero



septiembre  
octubre  
noviembre



marzo  
abril  
mayo

# Spanish Days of the Week

Look at the table below which explains what the days of the week are called in Spanish, how to say them and what the origin of the word is. Practise saying the Spanish words out loud and see if you can find a rhythm to say them in.

English	Spanish	Phonetic	Meaning
Sunday	domingo	doh-meen-goh	Comes from a Latin word meaning Lord's day
Monday	lunes	loo-nayss	Moon day (-es is short for the Latin word for day - 'dies')
Tuesday	martes	mahr-tayss	Mars day
Wednesday	miércoles	mee-air-coh-layss	Mercury day
Thursday	jueves	whay-vayss	Jupiter day (from the same root as 'Jovian')
Friday	viernes	vee-air-nayss	Venus day
Saturday	sábado	sah-bah-doh	From the Hebrew word 'Sabbath'

Now cut out the days of the week below and practise shuffling them up and reordering them correctly.

domingo

lunes

martes

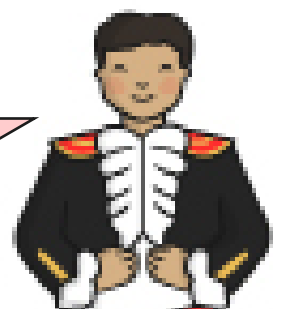
miércoles

jueves

viernes

sábado

Did you notice that days of the week do not have capital letters in Spanish?



When you have practised sorting the words, stick them down on this template and draw something that you might usually do on that day. You can keep and display your chart so you can use the Spanish instead of English every day.

Spanish	English	What I might do on this day...

**Hoy es...** (Today is...) \_\_\_\_\_

# La Fecha Es...

**Write these dates in Spanish:**

1. Tuesday 9<sup>th</sup> February

---

2. Thursday 6<sup>th</sup> October

---

3. Wednesday 8<sup>th</sup> August

---

4. Friday 11<sup>th</sup> March

---

5. Thursday 27<sup>th</sup> July

---

6. Saturday 21<sup>st</sup> September

---

7. Sunday 21<sup>st</sup> June

---

8. Monday 30<sup>th</sup> December

---

9. Wednesday 5<sup>th</sup> February

---

10. Sunday 27<sup>th</sup> September

---

11. Tuesday 15<sup>th</sup> March

---

## Extra Questions

When is your birthday?

---

When is Christmas Day?

---

When is Halloween?

---

## Word Bank

1 - primera	12 - doce	23 - veintitrés
2 - dos	13 - trece	24 - veinticuatro
3 - tres	14 - catorce	25 - veinticinco
4 - cuatro	15 - quince	26 - veintiséis
5 - cinco	16 - dieciséis	27 - veintisiete
6 - seis	17 - diecisiete	28 - veintiocho
7 - siete	18 - dieciocho	29 - veintinueve
8 - ocho	19 - diecinueve	30 - treinta
9 - nueve	20 - veinte	31 - treinta y uno
10 - diez	21 - veintiuno	
11 - once	22 - veintidós	

enero - January  
febrero - February  
marzo - March  
abril - April  
mayo - May  
junio - June

lunes - M  
martes - T  
miércoles - W  
jueves - Th

julio - July  
agosto - August  
septiembre - September  
octubre - October  
noviembre - November  
diciembre - December

viernes - F  
sábado - S  
domingo - Su



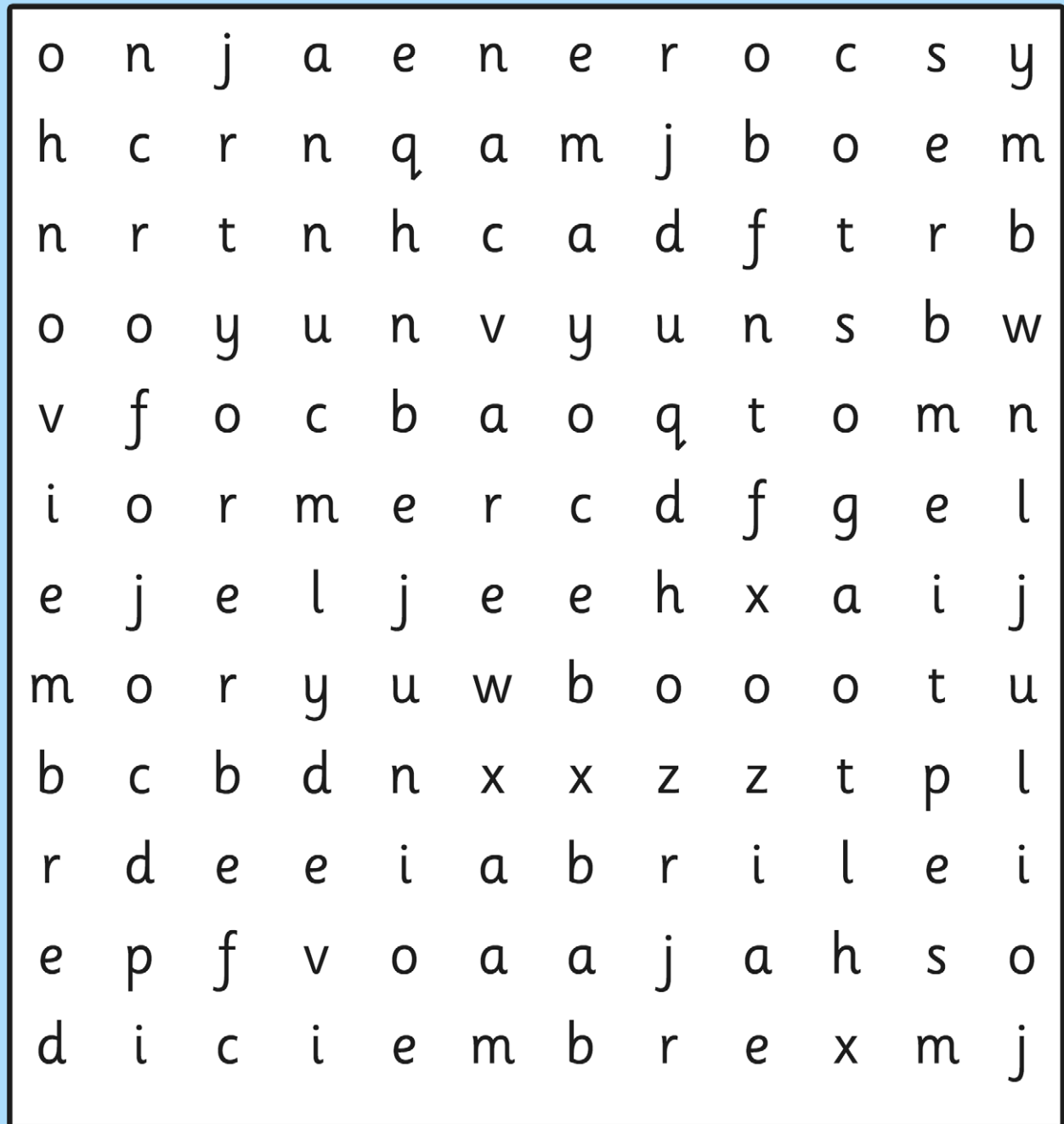
# días de la semana

á s t l u n e s d a y m  
y d á a h s m e m f é s  
f s y b b y r n j á f e  
m x e á a x x r e i f v  
k i x t z d k e p y c e  
c p é g r y o i p o y u  
l b i r k a h v d g i j  
f v g a c t m d é n q b  
y s g j w o g t m i j á  
u x é j n f l k á m q r  
v á x r e s k e i o r a  
k p y r y u y r s d g h

lunes  
martes  
miércoles  
jueves

viernes  
sábado  
domingo

# meses del año Wordsearch



enero  
febrero  
marzo  
abril  
mayo  
junio

julio  
agosto  
septiembre  
octubre  
noviembre  
diciembre

# Non-screen activities you can do at home

Pobble

What can you do when there's no school and you're stuck at home? Here are 25 fun ideas to choose from.

25  
ideas!



**1** How many different words can you make from the letters in this sentence, below? Grab a pencil and paper and write a list!

'Learning from home is fun'

**2** Thank a community hero. Think of someone that helps you in some way and write a short letter to thank them.

Thanks!

**3** Get building! You could build a Lego model, a tower of playing cards or something else!



**4** Can you create your own secret code? You could use letters, numbers, pictures or something else! Can you get someone else to try and crack it?

**5** Start a nature diary. Look out of the window each day and keep note of what you see. Birds, flowers, changes in the weather, what else?

**6** Hold a photo session. Use a camera or a mobile phone to take some snaps. What will you photograph? Your pets or toys perhaps?

**7** Build a reading den. Find somewhere cosy, snuggle up and read your favourite book!



**8** Use an old sock to create a puppet. Can you put on a puppet show for someone?



**9** Make a list of all the electrical items in each room of your home. Can you come up with any ideas to use less electricity?

**10** Design and make a homemade board game and play it with your family.

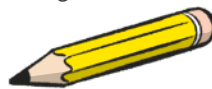


**11** Do something kind for someone. Can you pay them a compliment, make them something or help them with a task?



**12** Can you create a story bag? Find a bag and collect items to go in it that relate to a well known story. If you can't find an item, you could draw a picture to include.

**13** List making! Write a list of things that make you happy, things you're grateful for or things you are good at.



**14** Design and make an obstacle course at home or in the garden. How fast can you complete it?



**15** Can you invent something new? Perhaps a gadget or something to help people? Draw a picture or write a description.



**16** Keep moving! Make up a dance routine to your favourite song.



**17** Write a play script. Can you act it out to other people?



**18** Read out loud to someone. Remember to read with expression.



**19** Write a song or rap about your favourite subject.

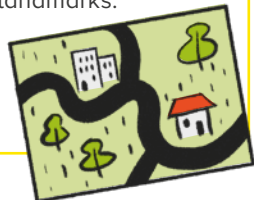


**20** Get sketching! Find a photograph or picture of a person, place or object and sketch it.



**21** Junk modelling! Collect and recycle materials such as yoghurt pots, toilet rolls and boxes and see what you can create with them.

**22** Draw a map of your local area and highlight interesting landmarks.



**23** Write a postcard to your teacher. Can you tell them what you like most about their class?

**24** Draw a view. Look out of your window and draw what you see.



**25** Get reading! What would you most like to learn about? Can you find out more about it in books? Can you find a new hobby?

# Answers

1. 'This mission, though, will be particularly significant.'  
Tick the word that is closest in meaning to 'significant'.
  - ☐ exciting
  - ☒ **important**
  - ☐ interesting
  - ☐ unusual
2. What was the main difference between Demo 1 and Demo 2?  
**Accept any answer which refers to this part of the story: Last year, they launched Demo 1, a spacecraft without a crew, to check their spacecraft was safe to use. This mission, Demo 2, will have astronauts on board.**
3. 'They want to be able to launch commercial flights into space in the future.'  
This suggests that...
  - ☐ Only astronauts will travel in space in the future.
  - ☒ **People may be able to buy tickets to travel into space.**
  - ☐ There are no plans for people to go into space after this mission.
  - ☐ Space travel for ordinary people will be impossible.
4. Find and copy two reasons why the Artemis program could be an important moment in history.  
**It will be the first time that a woman will walk on the Moon and people will go to Mars for the first time.**
5. Do you think space travel will be more common in the future? Explain your answer.  
**Accept any answer which refers to the story, e.g. I think space travel will be more common in the future as businesses are investigating how it could work.**
6. Explain what the story is about in 15 words or fewer.  
**Accept any reasonable summary that is 15 words or fewer, e.g. NASA and SpaceX are working together to send two astronauts into space.**

# Answers

1. Find and copy three facts about the spacecraft that's delivering the cookie dough.  
**Accept any three from the following: it set off from NASA's Wallops Island spaceport in Virginia, USA on Saturday; the spacecraft is also taking parts of a sports car and a vest to protect against radiation; it's taking cookie dough; it will arrive on Monday.**
2. 'NASA has some ambitious plans for space exploration.'  
Tick the word that is closest in meaning to 'ambitious'.  
☒ **challenging**  
☐ easy  
☐ simple  
☐ unexciting
3. Gravity is an important force. Find a piece of evidence that supports this statement.  
**Gravity is the force that keeps us grounded on Earth.**
4. Do you think the experiment will be successful? Explain your answer.  
**Accept any reasonable answer which refers to the story, e.g. I think the experiment will be successful because NASA will have carefully researched this and they are planning further explorations into space.**
5. How do you think the author feels about this story? Explain your answer.  
**Accept any reasonable answer which refers to the story, e.g. I think the author is really interested in this story because they say it's 'a really important experiment for NASA'.**
6. Summarise the story in 20 words.  
**Accept any reasonable summary that refers to the story and is 20 words or fewer, e.g. NASA has sent an oven to see if astronauts can make fresh food in space.**

# Answers

1. Find and copy three facts about the spacecraft that's delivering the cookie dough.  
**Accept any three from the following: it set off from NASA's Wallops Island spaceport in Virginia, USA on Saturday; the spacecraft is also taking parts of a sports car and a vest to protect against radiation; it's taking cookie dough; it will arrive on Monday.**
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☐ easy  
☐ simple  
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**Accept any reasonable answer which refers to the story, e.g. I think the experiment will be successful because NASA will have carefully researched this and they are planning further explorations into space.**
5. How do you think the author feels about this story? Explain your answer.  
**Accept any reasonable answer which refers to the story, e.g. I think the author is really interested in this story because they say it's 'a really important experiment for NASA'.**
6. Summarise the story in 20 words.  
**Accept any reasonable summary that refers to the story and is 20 words or fewer, e.g. NASA has sent an oven to see if astronauts can make fresh food in space.**

# Long Multiplication Practice – 3 Digits × 2 Digits

1.				
		1	6	1
×			2	3
		4	8	3
	3	2	2	0
	3	7	0	3

2.				
		2	3	2
×			2	6
	1	3	9	2
	4	6	4	0
	6	0	3	2

3.				
		6	1	4
×			1	8
	4	9	1	2
	6	1	4	0
1	1	0	5	2

4.				
		9	6	9
×			9	5
	4	8	4	5
8	7	2	1	0
9	2	0	5	5

5.				
		7	4	0
×			9	6
	4	4	4	0
6	6	6	0	0
7	1	0	4	0

6.				
		3	6	2
×			5	8
	2	8	9	6
1	8	1	0	0
2	0	9	9	6

7.				
		3	0	5
×			7	1
		3	0	5
2	1	3	5	0
2	1	6	5	5

8.				
		3	7	0
×			6	4
	1	4	8	0
2	2	2	0	0
2	3	6	8	0

9.				
		5	8	4
×			1	5
	2	9	2	0
	5	8	4	0
	8	7	6	0

10.				
		8	5	1
×			8	9
	7	6	5	9
6	8	0	8	0
7	5	7	3	9

11.				
		7	4	9
×			9	8
	5	9	9	2
6	7	4	1	0
7	3	4	0	2

12.				
		4	8	2
×			2	3
	1	4	4	6
	9	6	4	0
1	1	0	8	6

13.				
		6	4	6
×			1	0
				0
	6	4	6	0
	6	4	6	0

14.				
		7	0	9
×			1	7
	4	9	6	3
	7	0	9	0
1	2	0	5	3

15.				
		9	1	4
×			5	7
	6	3	9	8
4	5	7	0	0
5	2	0	9	8

16.				
		7	1	8
×			4	5
	3	5	9	0
2	8	7	2	0
3	2	3	1	0



## Long Multiplication Practice – 4 Digits × 2 Digits

1.					
		2	1	9	0
×				6	9
	1	9	7	1	0
1	3	1	4	0	0
1	5	1	1	1	0

2.					
		1	3	4	2
×				5	2
		2	6	8	4
	6	7	1	0	0
	6	9	7	8	4

3.					
		1	5	2	1
×				7	3
		4	5	6	3
1	0	6	4	7	0
1	1	1	0	3	3

4.					
		1	1	4	3
×				3	4
		4	5	7	2
	3	4	2	9	0
	3	8	8	6	2

5.					
		2	4	6	8
×				2	7
	1	7	2	7	6
	4	9	3	6	0
	6	6	6	3	6

6.					
		1	8	9	5
×				4	6
	1	1	3	7	0
	7	5	8	0	0
	8	7	1	7	0

7.					
		1	4	6	2
×				7	0
					0
1	0	2	3	4	0
1	0	2	3	4	0

8.					
		1	2	3	9
×				1	9
	1	1	1	5	1
	1	2	3	9	0
	2	3	5	4	1

9.					
		1	3	5	9
×				7	7
		9	5	1	3
	9	5	1	3	0
1	0	4	6	4	3

10.					
		2	1	2	7
×				4	8
	1	7	0	1	6
	8	5	0	8	0
1	0	2	0	9	6

11.					
		1	9	2	0
×				1	2
		3	8	4	0
	1	9	2	0	0
	2	3	0	4	0

12.					
		2	2	9	1
×				4	0
					0
	9	1	6	4	0
	9	1	6	4	0

## Multiplication Grids

1. 6139 × 7 = 42 973

2. 6975 × 3 = 20 925

3. 8283 × 5 = 41 415

4. 5620 × 5 = 28 100

5. 2407 × 9 = 21 663

6. 3922 × 5 = 19 610

7. 3349 × 7 = 23 443

8. 8482 × 5 = 42 410

9. 1945 × 7 = 13 615

10. 5856 × 5 = 29 280

## Without Grids

1. 6586 × 5 = 32 930

2. 6682 × 9 = 60 138

3. 9870 × 4 = 39 480

4. 1476 × 4 = 5904

5. 4217 × 7 = 29 519

6. 1815 × 6 = 10 890

7. 8292 × 8 = 66 336

8. 8940 × 8 = 71 520

9. 5512 × 5 = 27 560

10. 9706 × 8 = 77 648



# Short Division

1.

	2	0	r	1		
2	4	1				

2.

	3	2	r	1		
8	2	5	7			

3.

	4	4	r	3		
9	3	9	9			

4.

	4	2	r	4		
5	2	1	4			

5.

	7	7	r	6		
7	5	4	5			

6.

	9	6	r	3		
9	8	6	7			

7.

	8	6	r	3		
5	4	3	3			

8.

	2	7	r	2		
5	1	3	7			

9.

	6	2	r	5		
7	4	3	9			

10.

	6	1	r	1		
8	4	8	9			

11.

	3	1	r	1		
1	1	3	4	2		

12.

	2	4	r	1	0	
1	2	2	9	8		

## Short Division Practice 4 Digits Divided By 1 Digit

1

	1	4	7	6		
2	2	9	5	2		

2

	1	7	0	2		
4	6	8	0	8		

3.

	2	4	1	8		
4	9	6	7	2		



	1	6	3	2		
6	9	7	9	2		

5.

		6	3	7		
8	5	0	9	6		



		1	4	8		
9	1	3	3	2		

7.

	1	2	1	1		
8	9	6	8	8		



		6	9	2	r	2
5	3	4	6	2		

9.

	1	9	1	0	r	3
4	7	6	4	3		

10.

		9	8	8	r	5
7	6	9	2	1		

11.

		5	0	3	r	5
9	4	5	3	2		

12.

	2	8	8	4	r	1
3	8	6	5	3		

13.

		4	9	0	r	6
7	3	4	3	6		

14

		7	1	5	r	2
9	6	4	3	7		