

Year 4 - Summer 2 - Planet Power - Why is our planet powerful?

Year 4 - Additional Home Learning

These spellings are from the Year 3 and Year 4 Statutory Spelling List.

When: at the start of each half term

To be completed by: the spelling and times table activities are to be completed by the next half term. The topic activities are an optional extra.

These are the strategies that we encourage children to use when learning spelling...

biome	electricity
mountain	connection
earthquake	circuit
volcano	conduct
dormant	battery
extinct	appliance

Spelling Strategies:

p
py
pyr
pyra
pyram
pyrami
pyramid

Rainbow Write

1 name	2 soap
3 page	7 ask
4 same	8 glass
5 come	9 face
6 last	10 what

Look at the word. Highlight parts that will help you.
Say the word slowly, emphasising each part.
ame the letters.
over the word. See it in your mind.
Write the word.
Check your spelling. Repeat if you need to.

Spelling tip
Homophones
Stationary and stationery.
Remember there is an envelope (which starts with an e) in stationery.

because
Big elephants can always understand smaller elephants.

library
library library
Use colour to help you remember the word, as well.

totally

definitely

Monarchy

Times tables: emphasis on rapid recall and corresponding division facts.

It's important for children to know all the multiplication facts up to 12×12 and then transfer this knowledge to division facts. This will allow your child to have an instant recall of the facts and free up their memory for more challenging maths tasks.

Chanting	Create a game
Tricks	Create a dance
Looking for patterns	Create a song or rap
Stepping	Design a poster
Skipping	Using a ball and racket
Bingo	Memory game

51

1x table	2x table	3x table	4x table	5x table	6x table
$0 \times 1 = 0$ $1 \times 1 = 1$ $2 \times 1 = 2$ $3 \times 1 = 3$ $4 \times 1 = 4$ $5 \times 1 = 5$ $6 \times 1 = 6$ $7 \times 1 = 7$ $8 \times 1 = 8$ $9 \times 1 = 9$ $10 \times 1 = 10$ $11 \times 1 = 11$ $12 \times 1 = 12$	$0 \times 2 = 0$ $1 \times 2 = 2$ $2 \times 2 = 4$ $3 \times 2 = 6$ $4 \times 2 = 8$ $5 \times 2 = 10$ $6 \times 2 = 12$ $7 \times 2 = 14$ $8 \times 2 = 16$ $9 \times 2 = 18$ $10 \times 2 = 20$ $11 \times 2 = 22$ $12 \times 2 = 24$	$0 \times 3 = 0$ $1 \times 3 = 3$ $2 \times 3 = 6$ $3 \times 3 = 9$ $4 \times 3 = 12$ $5 \times 3 = 15$ $6 \times 3 = 18$ $7 \times 3 = 21$ $8 \times 3 = 24$ $9 \times 3 = 27$ $10 \times 3 = 30$ $11 \times 3 = 33$ $12 \times 3 = 36$	$0 \times 4 = 0$ $1 \times 4 = 4$ $2 \times 4 = 8$ $3 \times 4 = 12$ $4 \times 4 = 16$ $5 \times 4 = 20$ $6 \times 4 = 24$ $7 \times 4 = 28$ $8 \times 4 = 32$ $9 \times 4 = 36$ $10 \times 4 = 40$ $11 \times 4 = 44$ $12 \times 4 = 48$	$0 \times 5 = 0$ $1 \times 5 = 5$ $2 \times 5 = 10$ $3 \times 5 = 15$ $4 \times 5 = 20$ $5 \times 5 = 25$ $6 \times 5 = 30$ $7 \times 5 = 35$ $8 \times 5 = 40$ $9 \times 5 = 45$ $10 \times 5 = 50$ $11 \times 5 = 55$ $12 \times 5 = 60$	$0 \times 6 = 0$ $1 \times 6 = 6$ $2 \times 6 = 12$ $3 \times 6 = 18$ $4 \times 6 = 24$ $5 \times 6 = 30$ $6 \times 6 = 36$ $7 \times 6 = 42$ $8 \times 6 = 48$ $9 \times 6 = 54$ $10 \times 6 = 60$ $11 \times 6 = 66$ $12 \times 6 = 72$
7x table	8x table	9x table	10x table	11x table	12x table
$0 \times 7 = 0$ $1 \times 7 = 7$ $2 \times 7 = 14$ $3 \times 7 = 21$ $4 \times 7 = 28$ $5 \times 7 = 35$ $6 \times 7 = 42$ $7 \times 7 = 49$ $8 \times 7 = 56$ $9 \times 7 = 63$ $10 \times 7 = 70$ $11 \times 7 = 77$ $12 \times 7 = 84$	$0 \times 8 = 0$ $1 \times 8 = 8$ $2 \times 8 = 16$ $3 \times 8 = 24$ $4 \times 8 = 32$ $5 \times 8 = 40$ $6 \times 8 = 48$ $7 \times 8 = 56$ $8 \times 8 = 64$ $9 \times 8 = 72$ $10 \times 8 = 80$ $11 \times 8 = 88$ $12 \times 8 = 96$	$0 \times 9 = 0$ $1 \times 9 = 9$ $2 \times 9 = 18$ $3 \times 9 = 27$ $4 \times 9 = 36$ $5 \times 9 = 45$ $6 \times 9 = 54$ $7 \times 9 = 63$ $8 \times 9 = 72$ $9 \times 9 = 81$ $10 \times 9 = 90$ $11 \times 9 = 99$ $12 \times 9 = 108$	$0 \times 10 = 0$ $1 \times 10 = 10$ $2 \times 10 = 20$ $3 \times 10 = 30$ $4 \times 10 = 40$ $5 \times 10 = 50$ $6 \times 10 = 60$ $7 \times 10 = 70$ $8 \times 10 = 80$ $9 \times 10 = 90$ $10 \times 10 = 100$ $11 \times 10 = 110$ $12 \times 10 = 120$	$0 \times 11 = 0$ $1 \times 11 = 11$ $2 \times 11 = 22$ $3 \times 11 = 33$ $4 \times 11 = 44$ $5 \times 11 = 55$ $6 \times 11 = 66$ $7 \times 11 = 77$ $8 \times 11 = 88$ $9 \times 11 = 99$ $10 \times 11 = 110$ $11 \times 11 = 121$ $12 \times 11 = 132$	$0 \times 12 = 0$ $1 \times 12 = 12$ $2 \times 12 = 24$ $3 \times 12 = 36$ $4 \times 12 = 48$ $5 \times 12 = 60$ $6 \times 12 = 72$ $7 \times 12 = 84$ $8 \times 12 = 96$ $9 \times 12 = 108$ $10 \times 12 = 120$ $11 \times 12 = 132$ $12 \times 12 = 144$

Links to good games and websites

<https://www.timestables.co.uk/>

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<https://www.mathgametime.com/>

<https://www.topmarks.co.uk/maths-games/daily10>

Purple Mash

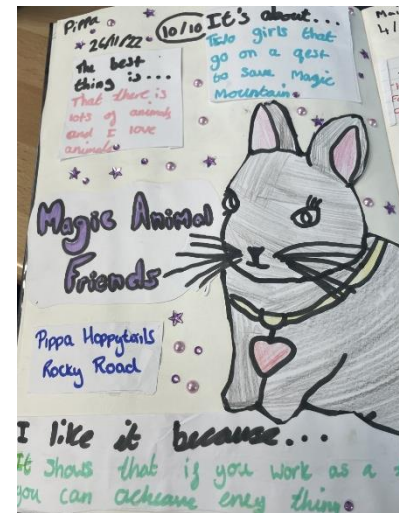
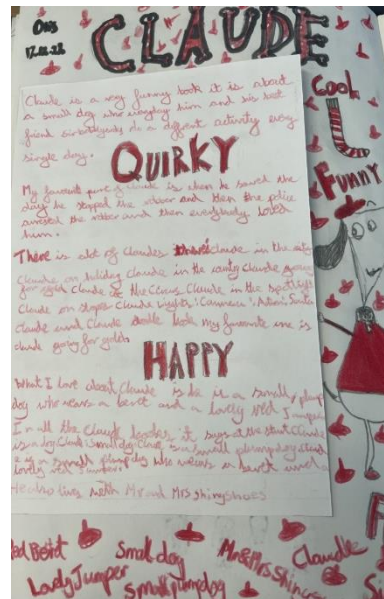
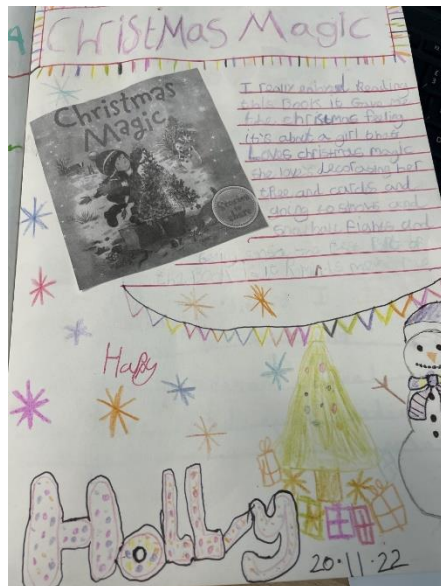
<https://play.ttrockstars.com/auth>

Reading Rocks! Class Journal

Reading: Your child is free to bring any book home from the book corner or the school library. We suggest reading at least 3 times a week as part of their home learning. Well done to the children who have completed our class journal so far - it is looking amazing.

This year we are hoping
to inspire all children to
read as many books as possible.

We are launching a
Reading Rocks! Class Journal.
Each child will have the opportunity to
take the journal home and add a page
about their favourite book!



Topic Activities are optional!
Your child can pick one or as many activities they wish, to complete at home.

Make a clock and practise telling the time, digit and analogue.	Make a Powerpoint presentation about our planet.	Research and make a poster about a renewable energy.
Look around your house and make a list of all the items that use electricity. Which use battery and which use mains and which use both. Add to a venn diagram.	Make a model of a biome using a variety of different materials.	Make a leaflet about your time in Year 4. What have you learnt? What have you enjoyed? What are you proud of?