

Year 3 – Home learning challenge 14



Daily activities



✓ **Reading** Bug Club on [activelearnprimary.co.uk](https://www.activelearnprimary.co.uk) and answer the quizzes or Oxford Owl RWI <https://www.oxfordowl.co.uk/>

✓ **Spelling and Grammar (15 mins)** practice using Look, Say, Cover, Write and Check – Test yourself on Friday. Try the activities allocated on [activelearnprimary.co.uk](https://www.activelearnprimary.co.uk)

✓ **Maths (15 mins)** – a task from the fluency ladder – only move onto the next step when you are an expert! Test yourself on Friday. Also try <https://trockstars.com/>



✓ **Mindfulness (10 mins)** – Try <https://www.youtube.com/user/CosmicKidsYoga>



✓ **Physical activity** – Listen to a piece of upbeat music every day, turn up the volume and dance like no-one is watching! Or try Joe Wick's workout and Oti Mabuse's dance class .

Spellings	
incapable	incomplete
incorrect	independent
invisible	infrequent
unhappy	unlock
unkind	unsafe

Fluency Ladder	
46	Rounding to 10, 100, 1000, 10 000, 100 000
45	Factors and multiples
44	Squared and cubed numbers
43	Division facts for 12x table
42	Multiplication facts for 12x table
41	Division facts for 11x table
40	Multiplication facts for 11x table
39	Division facts for 9x table
38	Multiplication facts for 9x table
37	Division facts for 7x table
36	Multiplication facts for 7x table
35	Division facts for 3x table
34	Multiplication facts for 6x table
33	Division facts for 3x table
32	Multiplication facts for 3x table
31	Division facts for 8x table
30	Multiplication facts for 8x table
29	Division facts for 4x table
28	Multiplication facts for 4x table
27	Division facts for 2x table
26	Multiplication facts for 2x table
25	Division facts for 5x table
24	Multiplication facts for 5x table
23	Division facts for 10x table
22	Multiplication facts for 10x table
21	Bridging/compensating
20	Near doubles (bridging 10)
19	Halves of numbers to 20
18	Doubles of numbers to 10
17	Near doubles (within 10)
16	Subtracting 0 from a number
15	Adding 0 to a number
14	Subtracting 10 from a number (teens numbers)
13	Adding 10 to a number (teens numbers)
12	Number bonds to 10 (subtraction)
11	Number bonds to 10 (addition)
10	Subtracting 2
9	Adding 2
8	Halves of numbers to 5
7	Doubles of numbers to 5
6	Subtracting 1 (within 10)
5	Adding 1 (within 10)
4	Say 1 less up to 10
3	Say 1 more up to 10
2	Count back in 1s to 20
1	Count on in 1s to 20



Weekly fun task –

**Why don't you try to grow your own rainbow?
It's a brilliant science activity.**

How to Grow a Rainbow

You will need:

- Kitchen roll/paper towel
- Felt tip pens
- Two small bowls of water
- Paper clip
- Thread



1. Cut your kitchen roll into the shape of a rainbow.
2. Colour a rainbow with felt tips about 2 cm up on both sides.
3. Attach your paper clip to the top and tie a piece of thread to it. This will give you something to hold your rainbow with.
4. Fill each small container with water.
5. Hold your rainbow with the ends slightly submerged in the water then watch your rainbow grow!



THE SCIENCE

A brief introduction to 'capillary action!' Water molecules like to stick to things - including themselves. Sticking to things is called *adhesion* and sticking to itself is called *cohesion*. The fibres in kitchen roll make lots of little holes. Water is 'sucked' through the holes because of adhesion (liking to stick to other things) and cohesion (liking to stick to itself) means the rest of the water follows. The water pressure will eventually slow down and the pressure of gravity will mean it stops moving.

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