Optional Topic Homework

How it works:

You will get four house points for handing in

one of the Topic tasks by Monday 23rd February 2026.

You can present your homework in the style of your choice.

- Design and make a rainforest model. What could you use from our natural or man-made environment? Think about the different layers in the rainforest.
- Look at some of the artwork inspired by rainforests. Create your own design using materials of your choice.
- Write rainforest poetry. The choice of poem is entirely up to you!
- Create your own amazing facts about the rainforests.
- Create 'did you know?' fact cards and teach your new- found knowledge to your friends and family.
- Research what is happening to the rainforest and how the habitats of many animals are being destroyed.
- Write a formal letter to the Government to persuade them to 'Save our Rainforests'

Great places to visit that are not too far away. Check for booking before travelling:
The Birmingham Botanical Gardens
https://www.birminghambotanicalgardens.org.uk/
Birmingham Wildlife Conservation Park
https://www.birmingham.gov.uk/info/50042/birmingham_wildlife_conservation_park/329/birmingham_wildlife_conservation_park
Dudley Zoo and Castle
https://www.dudleyzoo.org.uk/
Twycross Zoo
https://twycrosszoo.org/

Cotteridge School

Year 4

Topic

Homework

Spring 1

Group 1

Our Topic is

Rainforests

Useful Google searches:

Rainforests of life: Geography resource | National Geographic Kids (natgeokids.com)

15 rainforest facts | National Geographic Kids (natgeokids.com)

Year 4 Spring 1 Spellings Group 1

How it works:

These are the spellings your child will see each week on Spelling Shed. Each Thursday your child will see a new list of spellings to learn at home. A dictation will take place the following Thursday to test how well your child has learned their spellings. Your child's spelling score will be sent home in the back of their CGP homework book.

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Words ending in '-ous' incl. those where 'ge' from the base word remains	Words where a suffix is added to words ending in 'y'	Words ending in '-ious' and 'eous'	Challenge words	Words where 'au' makes an 'or' sound	Words ending in '-tion'
courageous	merriment	serious	extreme	automatic	invention
outrageous	happiness	obvious	although	astronaut	injection
nervous	plentiful	curious	breath	cause	action
famous	penniless	hideous	caught	author	hesitation
adventurous	happily	spontaneous	different	applaud	completion
disadvantageous	prettiest	courteous	exercise	audience	stagnation
ridiculous	nastiness	furious	medicine	August	nomination
carnivorous	beautiful	various	thought	launch	migration
rapturous	pitiful	victorious	business	haul	selection
torturous	silliness	gaseous	possession	autumn	communication

In the event of a school closure, here is my j2e log on:

To access the work while I am at home, instructions can be found on the school website under the Parents section under Remote Learning.

Dear parent/carers

As part of our development of maths fluency and number recall, we have a Key Instant Recall Fact (KIRF) focus each half term for each year group. These are number facts the children need to recall fluently. In school, within the mental maths sessions, one objective will be practised for each half term in order for children to really embed and learn the facts quickly and deeply. In order for the children to practise these at home as well, we are providing you with an information sheet, which explains the KIRF in more detail, with examples of what it looks like, games to play and websites to visit. The idea is that you can help them recall the facts little and often and work with us to ensure our children are as fluent with recalling number facts as they can be.

Many thanks,
Mrs Pickering -Ernst
Assistant Headteacher and Maths Lead

KIRF's Key Stage Two Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Three	Multiplication and division facts for 3 times table	Counting in 4's and 8's	Multiplication and division facts for 4 times table	Multiplication and division facts for 8 times table	Use known multiplication facts to find facts scaled by 10 For example: 5 x 3 = 15 50 x 3 = 150	Number bonds to 100
Four	Multiplication and division facts for 6 times table	Multiplication and division facts for 9 times table	Multiplication and division facts for 7 times table	Multiplication and division facts for 12 times tables	Multiplication and division facts for 11 times tables	Use known multiplication facts to find facts scaled by 100 For example: 5 x 3 = 15 so 500 x 3 = 1500
Five	Multiplication and division facts for all numbers up to 12 x 12	Use known multiplication facts to find facts scaled by tenths **or** hundredths For example: 5 x 3 = 15 0.5 x 3 = 1.5	Factors pairs of whole numbers (recognising prime numbers to 20)	Decimal pairs to 1 For example: 0.7 + 0.3 = 1 0.12 + 0.82= 1	Square numbers and the number squared	Doubles and halves of numbers to 100
Six	Multiplication and division facts for all numbers up to 12 x 12	Multiply and divide numbers by 10, 100 and 1000 up to 3 decimal places	Use known multiplication facts to derive facts scaled by tens, tenths **and** hundredths For example: 5 x 3 = 15 0.5 x 30 = 15	Common multiples and factors pairs of whole numbers	Recall prime numbers to 20 and know prime numbers to 100	Doubles and halves of numbers to 1000

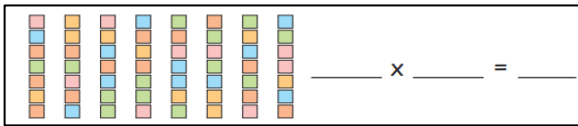# Key Instant Recall Facts (KIRF's)
Year 4 Spring 1

Key Instant Recall Facts are number facts that we want our children to be fluent with and able to recall instantly.

By the end of this half term children in year 4 should be able to

recall multiplication and division facts for 7

What this looks like:

Complete the number sentences to describe the array.

$2 \times 7 = \boxed{}$ $\boxed{} \div 7 = 2$

$7 \times \boxed{} = \boxed{}$ $\boxed{} \div \boxed{} = 7$

$\underline{} \times \underline{} = \underline{}$

$7 \times 9 = \boxed{}$

$84 \div \boxed{} = 12$

$0 \times 7 = \boxed{}$

$7 = \boxed{} \div 2$

Circle the numbers that are **multiples of 7**.

42   64

14   21

48   56

35   76

a) 1 week has $\boxed{}$ days.

b) 5 weeks have $\boxed{}$ days.

c) $\boxed{}$ weeks have 70 days.

d) $\boxed{}$ weeks have 63 days.

$7 \times 7 = \underline{}$

$12 \times 7 = \underline{}$

$9 \times 7 = \underline{}$

Practical ideas
Write multiples of 7 on post its. Turn one over and say the multiplication?

Write multiples of 7 on post its- turn one over and divide it by 4

Roll two dice- multiply it by 7.

Vocabulary

multiple
four
lots of
groups of
shared by
groups of

Online games:
Hit the Button - Quick fire maths practise for 6-11 year olds (topmarks.co.uk) (hit the answer, hit the question x 7)
Mental Maths Train - A Four Operations Game (topmarks.co.uk) (multiply, x 7)
Daily 10 - Mental Maths Challenge – Topmarks Level 4, x 7

The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.