

Bike Week

Held in June each year, Bike Week is an event which seeks to raise awareness of the benefits of cycling and get people on their bikes. If you have a bike at home, why not go for a bike ride with your family! You could even pack a picnic and make a day of it. Can you make a poster and list at least 5 ways cycling benefits both **people** and the **world** we live in. Can you **design a bike** for the future? Think about what gadgets it might need to make cycling even more fun!

Eco Schools Challenge!

Food Miles

Did you know our food comes from all over the world? Can you go through your cupboards, fridge and freezer and discover the different countries in your kitchen? You could create a tally chart or bar graph to find out which is the most popular country.

Comparing Climates

Our class story is set in Iceland. Can you research the climate (weather) in Iceland and compare it with the UK? You could use a poster, table or Venn Diagram to do this. I have attached some templates below to help you. Once you have finished your research and recorded your findings consider:

Why do you think the climates are different?

Has climate change had an impact on either of these countries? How has it changed it?

How do you think we impact the climate? How can we make it better?

Writing

If you could have any fictional character as your best friend, who would you choose and why? What would you do together?

Describe the moment you met!

What did you get up to next?

You can do this in any form your like:

Newspaper/diary entry/story/poem.

Maths

Work out the missing values

$$\frac{2}{5} \text{ of } 30 = 3 \times \boxed{}$$

$$\frac{7}{10} \text{ of } 30 = \frac{3}{4} \text{ of } \boxed{}$$

Here is a number card



A quarter of the card is 14

Find $\frac{2}{7}$ of the card.

Esme has some cookies in a jar. She eats $\frac{5}{8}$ of them. There are 12 cookies left in the jar. How many were in the jar to begin with?



Don't forget!

If you would like to do something different to the work I have set or you would like to do some extra home learning, head to: www.bbc.co.uk/bitesize/dailylessons

Make sure you click on Year 5.

Here you will find some amazing lessons across all subjects.

Ironstone Bridge Project!

Well done to all those children who have already built their bridge and sent me pictures/tagged school on Twitter @OverfieldsPri

Spellings

This week we are focusing on the next ten spellings from the Y5/6 Spelling List. These are inside your reading rocket too.

Conscious	Curiosity
Controversy	Definite
Convenience	Desperate
Correspond	Determined
Criticise	Develop

Apply them to sentences and test yourself on Friday. Good luck!

IRONSTONE BRIDGE PROJECT



Bridges are amazing structures – think where we would be without them! There are thousands of different types of bridges all over the world from a simple plank over a stream to our historic Transporter Bridge over the River Tees.



We are issuing you with a **CHALLENGE** to build your own bridge at home. It could be inside or outside if you have a garden or yard and it can be made from anything you have lying around. BUT – please ask an adult first; don't go using your family's last packet of spaghetti!

Watch this video our project engineer, Paula, has made which tells you all about the challenge.

https://www.youtube.com/watch?v=QK6n_EUJWZk&feature=youtu.be



So the challenge is to build a bridge – here are a few ideas but I bet you can come up with much better ones.



Build a bridge across a sink or bath for your toy vehicles to cross – make sure they don't fall in!



Find a way to get across a garden path without touching it – make sure you leave space underneath though!



Find a way to get your lego people from one chair to another without falling to the floor.



REMEMBER THOUGH!

- ✓ Stay safe – don't climb onto a homemade bridge unless an adult says it is safe.
- ✓ Ask first before using anything from home to build your bridge.
- ✓ Only use tools if an adult says it is ok and is supervising you.

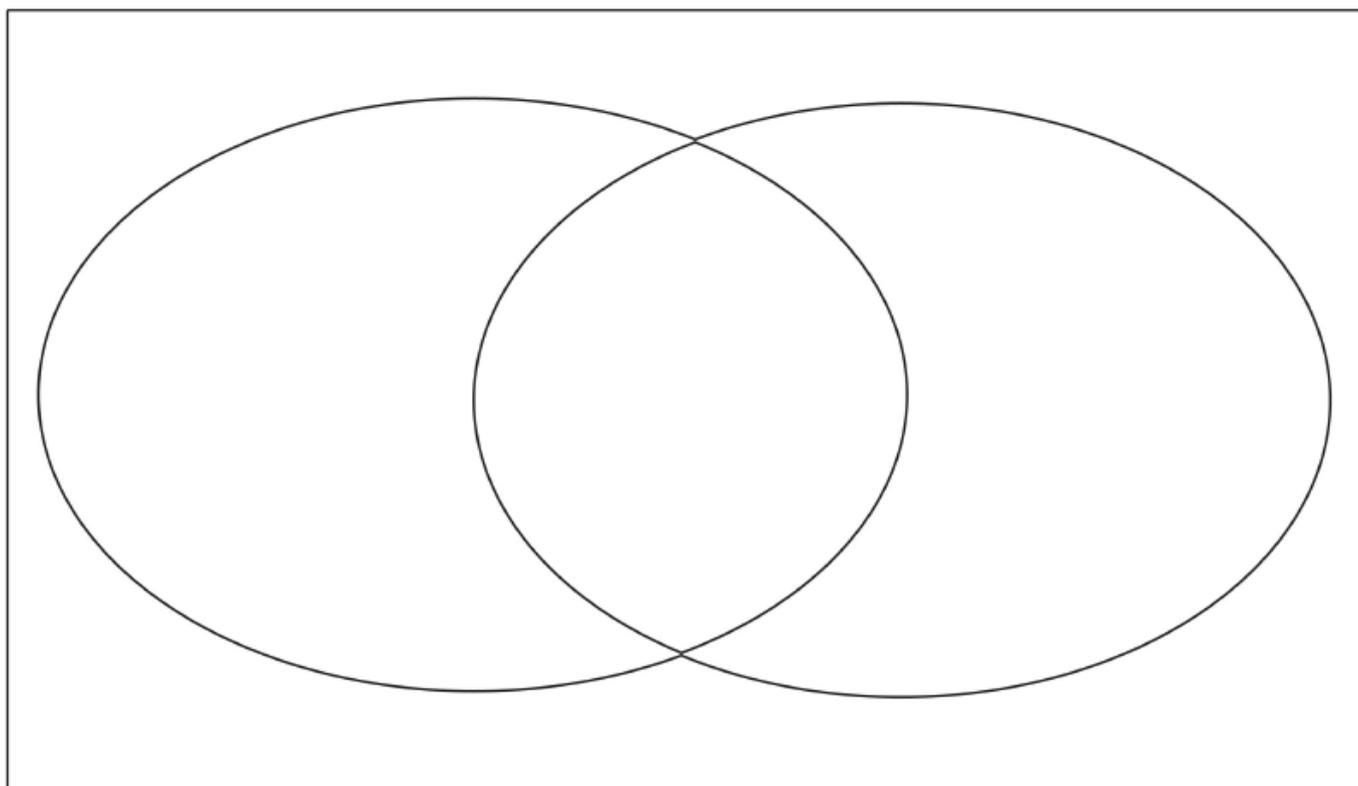
Don't forget - take a picture of your bridge and post it to your school's website or twitter. We would love to see any drawings, designs or



independent work on bridges.



Venn Diagram



Write your own findings in this column.	<u>UK</u>	<u>Iceland</u>
E.g. Average rainfall between Nov-Jan		

Here are some questions to help warm your brain up before you attempt the maths challenges.

TIP!

Remember, the question is asking ‘how many 5’s are in 20? Or 20 divided by 5’

1. $\frac{1}{5}$ of 20 =

2. $\frac{1}{6}$ of 24 =

3. $\frac{1}{3}$ of 18 =

4. $\frac{1}{7}$ of 28 =

5. $\frac{1}{4}$ of 20 =

6. $\frac{1}{6}$ of 18 =

7. $\frac{1}{7}$ of 21 =

8. $\frac{1}{5}$ of 20 =

9. $\frac{1}{8}$ of 24 =

10. $\frac{1}{3}$ of 27 =

11. $\frac{1}{6}$ of 18 =

12. $\frac{1}{3}$ of 24 =

13. $\frac{1}{4}$ of 28 =

14. $\frac{1}{8}$ of 32 =

15. $\frac{1}{9}$ of 27 =

16. $\frac{1}{6}$ of 12 =

17. $\frac{1}{3}$ of 21 =

18. $\frac{1}{5}$ of 35 =

19. $\frac{1}{6}$ of 36 =

20. $\frac{1}{7}$ of 35 =

That should have been nice and easy and refreshed your brains of your times tables.

Now try this one.

TIP! Before we find $\frac{2}{5}$ we have to find $\frac{1}{5}$.

Remember our song – “We divide by the bottom and times by the top!”

1. $\frac{2}{5}$ of 20 =

2. $\frac{4}{6}$ of 24 =

3. $\frac{2}{3}$ of 18 =

4. $\frac{4}{7}$ of 28 =

5. $\frac{3}{4}$ of 20 =

6. $\frac{2}{6}$ of 18 =

7. $\frac{4}{7}$ of 21 =

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17. $\frac{2}{3}$ of 21 =

18. $\frac{3}{5}$ of 35 =

19. $\frac{4}{6}$ of 36 =

20. $\frac{6}{7}$ of 35 =