Home Learning Pack

Year 5
Spring Term Week 11

Home Learning Links

Oak National Academy
Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils.
www.thenational.academy

BBC Bitesize
With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.
https://www.bbc.co.uk/bitesize

World Book Online
World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.
https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoy OmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%3D%3D

Read Works.org
Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.
https://www.readworks.org/

Tutortastic
An online platform with tutorials and videos for home learning.
https://www.tutortastic.co.uk/blog/homelearning

Education Quizzes
A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6.
https://www.educationquizzes.com/ks1/

Top Marks
A range of activities here but especially good interactive activities for maths.
https://www.topmarks.co.uk/

Classroom Secrets
Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs
https://kids.classroomsecrets.co.uk/

National Geographic
National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.
https://www.natgeokids.com/uk/teacher-category/primary-resources/

Reading Eggspress
Reading Eggspress has lots of reading activities including comprehension and retrieval questions to have a go at. Your child's Username and Password should be written in his Homework Book.

We have been learning about division this week, mostly looking in-depth at partitioning and we will transition into using the short method for division. Here are some great maths games to play on Laptops or iPads.

https://www.topmarks.co.uk/Search.aspx?q=division

Times Tables Rockstars

This is a great times tables game, practice all of the tables up to 12 x 12. Log- in should be in Homework book/ Reading diary.

https://ttrockstars.com/

Handwriting

Please spend time each day practising the 'al' join as modelled below. Remember:

•   To hold your pencil/pen correctly.

•   To sit on a chair and a desk with a straight back whilst practising your handwriting.

Practise writing the following lines, ensuring that all joins within the words are carefully followed.

possibly

able

ably

adorably

adorable

Persuasive devices are language features typically used in a persuasive piece of text.

A written persuasive text is intended to persuade the reader to think in a particular way.

This can be achieved by using persuasive devices/techniques.

Persuasive Devices

Alliteration

Facts

Opinions

Repetition (& **R**hetorical Questions)

Emotive Language (& **E**xaggeration)

Statistics

Three (rule of)

Alliteration	
Facts	
Opinions	
Repetition	
Rhetorical questions	
Emotive language	
Exaggeration	
Statistics	
Rule of three	
Imperative verbs	
Adverbials	

Should Children Wear School Uniform?

In many countries around the world, it is compulsory for children to wear a school uniform. The rules can be very precise and schools may even specify what hairstyles pupils can or cannot have. However, there are also many schools around the world who do not require their pupils to wear a school uniform and children are, within reason, allowed to wear almost anything they like. There are arguments in support of both perspectives, some of which will be discussed below.

One argument in support of school uniforms is that they help to promote a sense of equality. If all pupils are required to wear the same uniform, there is less opportunity for children from wealthier families to wear branded, expensive clothes. Poorer pupils may feel excluded and inadequate if they have to come to school in cheaper, practical clothing and this can lead to other issues such as bullying and low self-esteem. Surely it is better for all children to have to wear clothes that come from the same shop and cost the same amount of money? Wearing the same uniform every day also saves pupils time in the mornings. This is because, rather than spending time deliberating what they will wear, they simply adorn the school uniform and leave the house.

Monday Maths

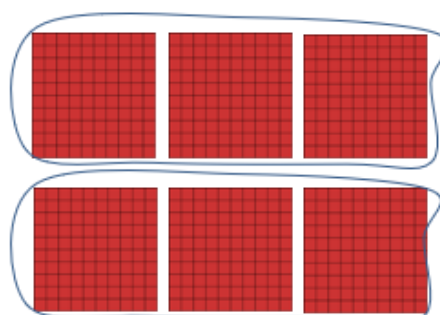**1** How many 3's go into 30?

2 How many 3's go into 32?

How much would you have left over?

3 If I know that 6÷2=3,
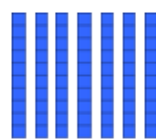
600÷2=

4 Complete the equation:

12÷3=4
120÷3=40
1200÷3

Misconception: David is calculating 32÷6. He says the answer is 20r2. Is he correct? What did he do wrong?

Day 1: Use short division to divide 3-digit numbers by 1-digit numbers.
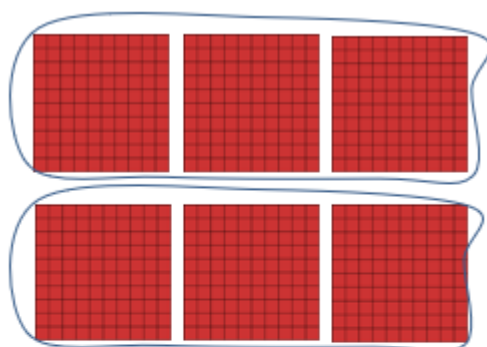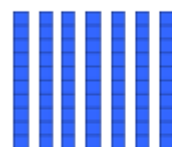
We exchange the one 'stick' of 10 for 10 ones.

? How many 3s in 18?

$$226$$
$$3\overline{)6\,7^18}$$

We write 6 in the 1s column. So the answer is 226.

546 ÷ 3

$$3\overline{)5\,4\,6}$$

1. 369 ÷ 3   2. 448 ÷ 4   3. 575 ÷ 5   4. 378 ÷ 3

5. 672 ÷ 6   6. 898 ÷ 8   7. 791 ÷ 7   8. 643 ÷ 3

9. 857 ÷ 4   10. 563 ÷ 5   11. 691 ÷ 6   12. 936 ÷ 9

Fill in the missing digits (☐) in this division, written as vertical chunking.

7 8 3 ÷ 9 = ?

So, ? x 9 = 7 ☐ 3

   80 x 9 = <u>7 2 0</u>

         ☐ 3

  ☐ x 9 = 6 3   So, answer = ☐

- Complete the same calculation using short division.
- Which method do you find easier?   Explain why...

(i) Is the answer to 1539 ÷ 3 treble the answer to 1539 ÷ 9?

(ii) Use short division to find an answer to both calculations.

Was your answer to (i) correct?

Monday Art

Look at some still life drawing techniques:
https://www.artyfactory.com/still-life/still_life_pencil.html

Create your own assortment of objects in the middle of your table.

Try to use the techniques we have talked through to draw these objects accurately.

Take your time. Focus on:
- Where the light is coming from and where your can see it on your objects
- Shadows
- The pressure you apply to your pencil strokes.

Tuesday English

There are lots of different types of persuasive writing.

These are:

Letters in a newspaper	Fliers posted through a letterbox	Shopping catalogues
TV, radio and Internet adverts	Holiday brochures	Billboards and posters
Book blurbs	Articles in a magazine	Movie trailers

Persuasive Business Letter Example

Really Amazing Resorts
Miami, FL
Contact: 0123-1144-5623
Email id: ra@hotels.com

Date: November 1, 2012

To
Mr. Jerry Stone,
Annabelle Corp.
Orlando, FL

Dear Mr. Stone,
Here is an Offer too Good to Refuse! Before you roll your eyes thinking, 'Oh God! Not another one!', and chuck this letter into a bin, just read a few of the lines below.

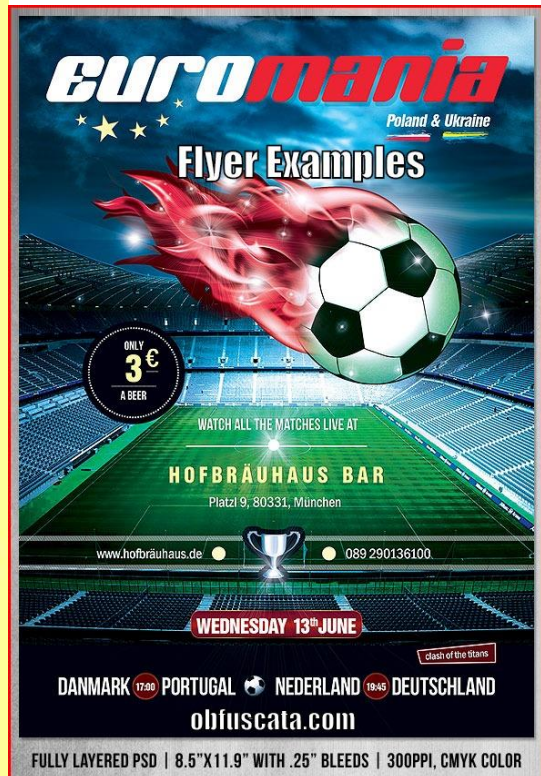Imagine the mellow sun and the grainy sand. Imagine the soft rolling of the waves of the sea. Those beautiful sunsets in the evening. Watching all of this in the lap of luxury, sipping your choicest drink. Imagine a week's getaway from all the traffic noise that wakes you up, that crazy drive to work, the yelling and screaming at workplace and at home. Imagine a place where you can sleep when you want, wake up when you want, do what you want, and live the way YOU like!

Sounds great doesn't it?

euromania
Poland & Ukraine
Flyer Examples

ONLY 3 € A BEER

WATCH ALL THE MATCHES LIVE AT

HOFBRÄUHAUS BAR
Platzl 9, 80331, München

www.hofbräuhaus.de ● ● 089 290136100

WEDNESDAY 13th JUNE

clash of the titans

DANMARK 17:00 PORTUGAL ● NEDERLAND 19:45 DEUTSCHLAND
obfuscata.com

FULLY LAYERED PSD | 8.5"X11.9" WITH .25" BLEEDS | 300PPI, CMYK COLOR

HAVE A HAND IN
RECYCLING!

PAPER

BOTTLES AND CANS

WASTE

"Recycling starts with you. There is no actual device that separates trash for you."
Oleksandr Rogalnikov

Recycling reprocess the old materials into new products, with the aims of preventing the waste of potentially useful materials, reducing the consumption of fresh raw materials, reducing energy usage, reducing air and water pollution by reducing the need for "conventional" waste disposal, and lowering greenhouse gas emissions as compared to virgin production. Recycling is a key concept of modern waste management and is the third component of the waste hierarchy.

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Freedom to combine with Sites Abroad

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Freedom to choose how long you stay

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And the world will burn.

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UK £7.99*
CAN $12.99*

* recommended price

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Which do you think is the most effective format for persuasive writing?

Why?

How can we persuade people to buy these items?

In your pairs/table groups try to persuade them to buy these different items.

Take it in turns to try to persuade each other for an item.

Now try to persuade each other for these situations…

Cars should be banned at the weekend.

This forest should be cut down and the land should be used to build a new theme park.

Children should be paid for working at school.

Tuesday Maths

1 What is the value of the circled digit:

③65

2 How many 4's go into 3?

3 How many ways can 24 be split evenly?

4 180÷6=

Misconception: Roger says that 342 ÷ 6 cannot be calculated because the 3 is smaller than the divisor. He is correct?

Day 2: Use short division to divide 3-digit numbers by 1-digit numbers, including where the first digit is less than the divisor.

281 ÷ 3

We're going to use base-10 equipment to visualise calculating 281 ÷ 3.

Set out and solve these calculations:

1. 233 ÷ 4
2. 547 ÷ 8
3. 451 ÷ 7
4. 628 ÷ 9

Solve these word problems:

5. Some pizzas are cut into 8 slices. How many pizzas are needed for 572 slices?

6. 7 children fit into a minibus. How many minibuses are needed to take 322 children on a trip?

7. 9 friends share out 534 marbles. How many marbles does each child get? How many are left over?

8. Stickers come in packets of 6. If I need 370 stickers to give out at my party how many packets should I buy?

Now make up two problems, each involving one of these calculations:

9. 546 ÷ 6

10. 428 ÷ 8

Pick the expression with the better compatible numbers to estimate 5,564 ÷ 7.

| 4,900 ÷ 7 | 5,600 ÷ 7 |

Now, use the expression you picked to estimate the quotient.
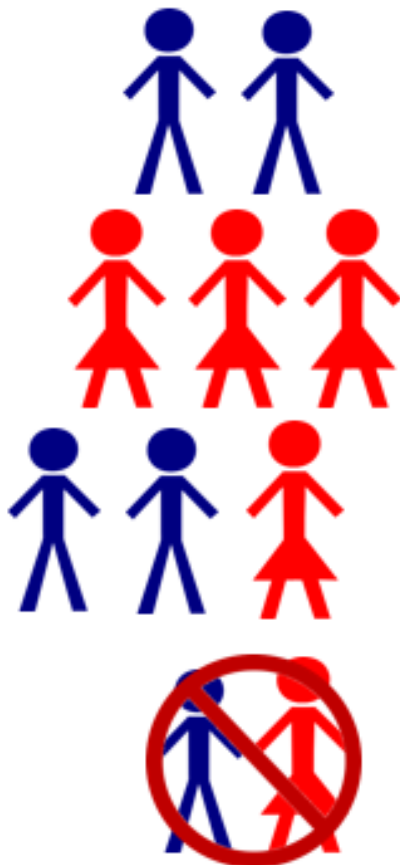
5,564 ÷ 7 is about [   ].

Greenpoint Roofing needs 314 roof shingles for some new houses. If each box contains 6 shingles, about how many boxes should the construction company buy? Choose the better estimate.

| 500 | 50 |

Tuesday French

Tu as des frères ou des sœurs ?

J'ai deux frères.

J'ai trois sœurs.

J'ai deux frères et une sœur.

Non, je suis fils unique.

Non, je suis fille unique.

Je m'appelle Richard et j'ai 11 ans. Mon anniversaire est le 11 décembre.
Ma mère s'appelle Emilie. Mon père s'appelle Jean. J'ai un frère qui s'appelle Albert et il a 8 ans. Je n'ai pas de sœurs.

Name:

Age:

Birthday:

Name of dad:

Name of mum:

Age of brother:

Extra - two more details:

Wednesday Maths

1 Calculate:

$126 \div 4 =$

2 Simplify this fraction:

$$\frac{3}{6}$$

3 Will you get a remainder from the following calculation:

$25 \div 4 =$

4 $587 \div 5$

Misconception: Richard thinks that $333 \div 2$ will not give him a remainder. Is he correct?

Day 3: Use short division to divide 3-digit numbers by 1-digit numbers; Express remainders as fractions.

Use short division to find 742 ÷ 4.

$742 \div 4 = 185 \text{ r } 2$

What does this 'remainder 2' mean?

It is 2 left over from trying to make a group of four, two out of four, or $2/4$. We can simplify $2/4$ to $1/2$, so we can give the exact answer as $185\,1/2$.

Use short division to work out 742 ÷ 8. Agree the exact answer with a partner.

$742 \div 8 = 92$ r 6. The remainder of 6 is left from a group of 8. 6 divided by 8 is $6/8$ which we can simplify to $3/4$, so we can give the exact answer as $92\,3/4$.

Does this answer seem about right?

It looks to be half the previous answer. If we divide 742 into groups that are twice as big, then there will be half the number of groups.

742 ÷ 6. Discuss what the approximate answer might be.

It should be between $92\,3/4$ and $185\,1/2$, the answers above.

Work out the exact answer.

$742 \div 6 = 123\,{}^2/_3$

Solve these. If there are any remainders, write them as fractions. Simplify the fractions where you can.

1. 447 ÷ 4
2. 447 ÷ 8
3. 678 ÷ 4
4. 678 ÷ 8

5. 375 ÷ 6
6. 375 ÷ 3
7. 856 ÷ 7
8. 462 ÷ 9

9. 674 ÷ 5
10. 266 ÷ 4
11. 437 ÷ 3
12. 726 ÷ 9

1) Choose a divisor and a dividend from the lists below. Predict whether your answer will have a remainder or not. Can you explain your reasons? Carry out a short division to check each prediction.

Divisor	Dividend
3	1440
4	2606
5	3750
6	4203
	7925
	9324

Wednesday English

The Battle of Hastings

Read information about the events leading up to The Battle of Hastings

Three men, amongst others, stepped forward as having a claim to the English throne after Edward's death:

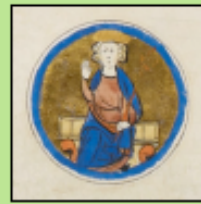| Harold Hardrada	William Duke of Normandy	Harold Godwinson
King of Norway and son of King Harthacnut who had been King of England immediately before Edward. He claimed his father promised him the throne.	Edward's cousin. He claimed Edward had promised him the throne in 1051. This may have been as a thank you for the protection of Edward and his mother by the Normans.	Earl of Wessex whose sister had married Edward, making them brothers-in-law. He was a powerful man in his own right in England and commanded the king's army.

Wednesday Geography

Northern Europe is the geographic region that covers the northern part of the European continent. It consists of eight countries: **Denmark, Estonia, Finland, Iceland, Latvia, Lithuania, Norway, and Sweden**.

1. Using your atlases, locate the following countries:
   - Denmark
   - Estonia
   - Finland
   - Iceland
   - Latvia
   - Lithuania
   - Norway
   - Sweden.

2. Identify these countries on your blank map. Be careful! You need room on your map to write; try drawing a line from the country to a place where you have space to write.

Thursday Maths

1 Calculate show any remainders as a fraction:

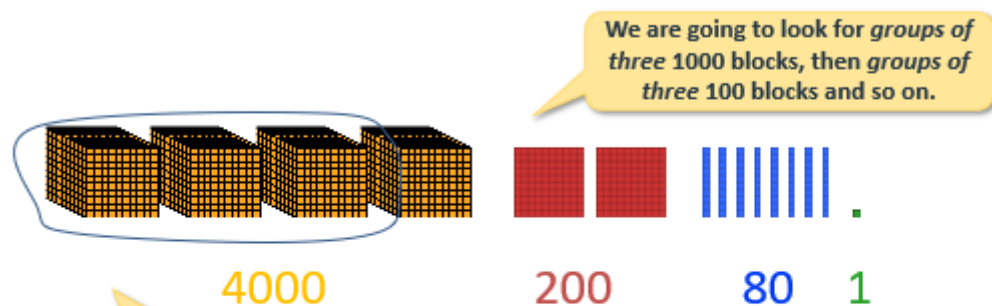489÷4=

2
12÷4=3:
120÷4=30
128÷4=

3 List the factors for 48.

4 What is a common multiple for 5 and 6?

Misconception: Nick says that 268 ÷ 8 = 33 r 4 cannot be written as a fraction. Is he correct?

$$3\overline{)4281}$$

# We're going to use base-10 equipment to work out 4281 ÷ 3.

Day 4: Use short division to divide 4-digit numbers by 1-digit numbers.

We are going to look for *groups of three* 1000 blocks, then *groups of three* 100 blocks and so on.

4000   200   80   1

How many groups of three 1000 blocks? How many 3s in 4? 1 and 1 left over. We are dividing the 1000s, so we write the answer in the 1000s column, and the one 100 before the 100s digit, so we have twelve 100s.
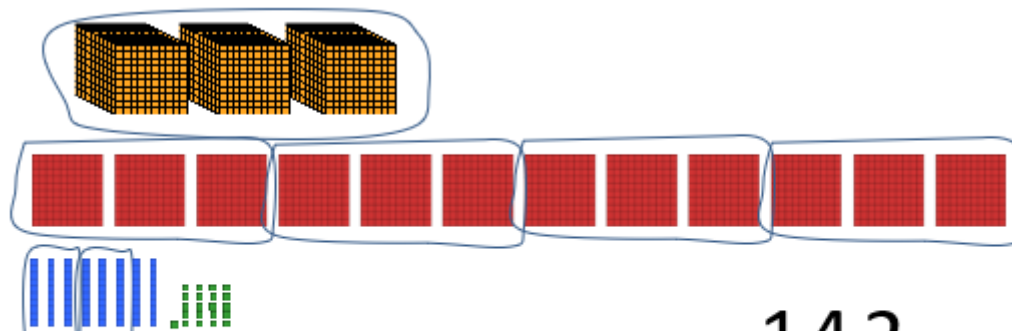
$$3\overline{)4^1\square\square\square}\ ^1$$

Now we exchange the 1000 block for ten 100 blocks.
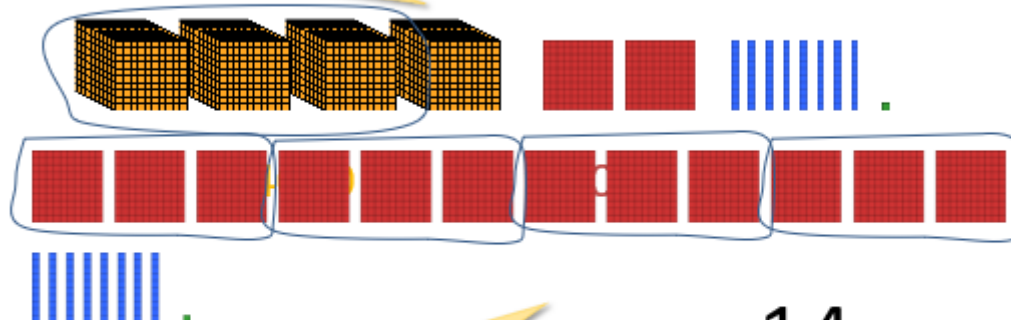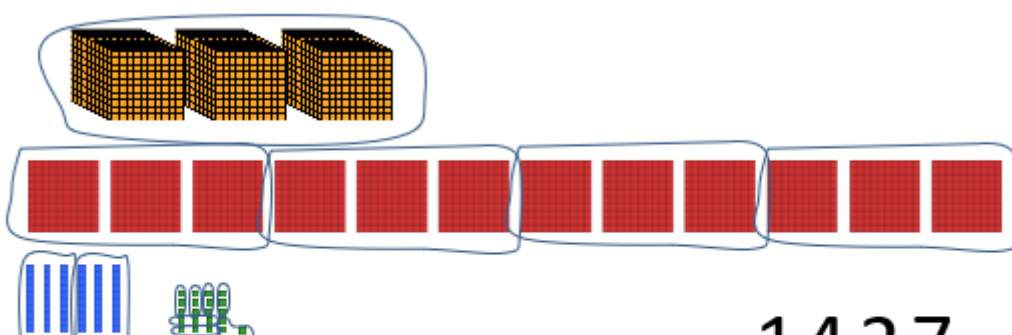
How many groups of three 100 blocks? How many 3s in 12? 4. We are dividing the 100s, so we write the answer in the 100s column.

$$3\overline{)4^12\square\square}\ ^{14}$$

How many groups of three 10 blocks? How ... 83.2 and 2 left over.

We exchange the two sticks of 10 for twenty 1s.

...0s, so we write the ... n, and the two 10s in front of the 1s.

$$142$$
$$3\overline{)4\,^12}$$

How many 3s in 21?

$$1427$$
$$3\overline{)4\,^12\,8\,^21}$$

Set out and solve these:

1. $5133 \div 4$

2. $1249 \div 8$

3. $7412 \div 6$

4. $5268 \div 9$

Solve these word problems:

5. The Headteacher shares 2506 multilink cubes between 7 classes. How many cubes does each class get?

6. 3923 sweets are put into packets of 6. How many packets will there be? How many sweets are left over?

7. 8 friends share a restaurant bill of £93.44. How much should they each pay?

8. 5 tennis rackets cost £94.75. How much does each one cost?

Challenge

A woman has £1700 pounds. She wants to give $\frac{1}{2}$ to the cat's home, $\frac{1}{3}$ to the dog's home and $\frac{1}{9}$ to the woodland trust.

She borrows £100 for a day so she has £1800. Then she gives the donations and hands back the money she borrowed. Show that this works! Can you explain why?

Thursday English

The importance of Speeches

Throughout history, speeches have been made that have had a big impact on people and events.

Have you ever heard a good speech?
Who made it? What was it about?
Why do you think speeches are important?

Here are some of the reasons why speeches can be important:

- They can explain the views and beliefs of a leader.

- They can encourage people who are facing a challenge.

- They might persuade people about something.

- They can help people to understand more about an issue.

Elizabeth I

Elizabeth I was the Queen of England from 1558 to 1603.

In July 1588, over one hundred ships set sail from Spain with the aim of invading England, removing Elizabeth from the throne and turning England into a Roman Catholic country. These ships were known as the Spanish Armada.

The last English king to die in battle was Richard III in 1485. He died while fighting Elizabeth 1's grandfather, HEnry vII.

On August 9th, Elizabeth I appeared in front of her troops. Some reports say she was dressed in armour and that she rode a giant horse as she inspected the soldiers. The Queen then addressed her 'loving people' saying she promised 'in the midst and heat of the battle, to live and die amongst you all.' She said she would 'lay down for my God, and for my kingdom, and my people, my honour and my blood.'

Addressing the fact that she was a queen, she said 'I know I have the body but of a weak and feeble woman; but I have the heart and stomach of a king, and of a king of England too, and think foul scorn that Parma or Spain, or any prince of Europe, should dare to invade the borders of my realm.'

What do you think Elizabeth was trying to achieve with this speech?

Winston Churchill was the prime minister of the UK during the Second World War. He was known for making rousing speeches that kept **morale** high during the war.

In June 1940, the war wasn't going well for the British. Churchill, who'd only been prime minister for one month, made several famous speeches.
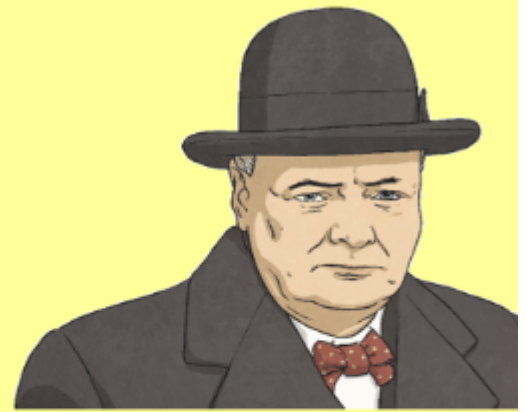
One of these speeches, made in the House of Commons on 4th June 1940, became known as the 'We shall fight them on the beaches' speech. In it, he warned people that there would be 'many, many long months of struggle and of suffering' but that the aim was 'victory, victory at all costs, victory in spite of all terror, victory, however long and hard the road may be."

morale - The confidence and enthusiasm of people.

In the climax of the speech, Churchill said, 'We shall go on to the end. We shall fight in France, we shall fight on the seas and oceans, we shall fight with growing confidence and growing strength in the air, we shall defend our island, whatever the cost may be. We shall fight on the beaches, we shall fight on the landing grounds, we shall fight in the fields and in the streets, we shall fight in the hills; we shall never surrender.'

The Second World War continued until 1945. During that time, Churchill made many other well-known speeches.

Why do you think speeches would be important during a war? How do you think Churchill's words made people feel?

Answer these questions...

Which of the speeches did you like the most?

How did the speeches make you feel?

What aims did the different speakers have?

Thursday Music

Eine kleine Nachtmusik[a] (**Serenade No. 13** for strings in G major), K. 525, is a 1787 composition for a chamber ensemble by Wolfgang Amadeus Mozart. The German title means "a little night music".[b] The work is written for an ensemble of two violins, viola, cello and double bass, but is often performed by string orchestras.[3]

Chamber music

Chamber music is a form of classical music that is composed for a small group of instruments—traditionally a group that could fit in a palace chamber or a large room. Most broadly, it includes any art music that is performed by a small number of performers, with one performer to a part (in contrast to orchestral music, in which each string part is played by a number of performers). However, by convention, it usually does not include solo instrument performances.
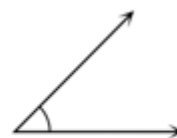
https://www.youtube.com/watch?app=desktop&v=oy2zDJPIgwc

1. Listen to the beginning of the song again – the first 11 seconds

2. Clap the rhythm of the melody as you hear it

Friday Maths

1   Identify this angle:

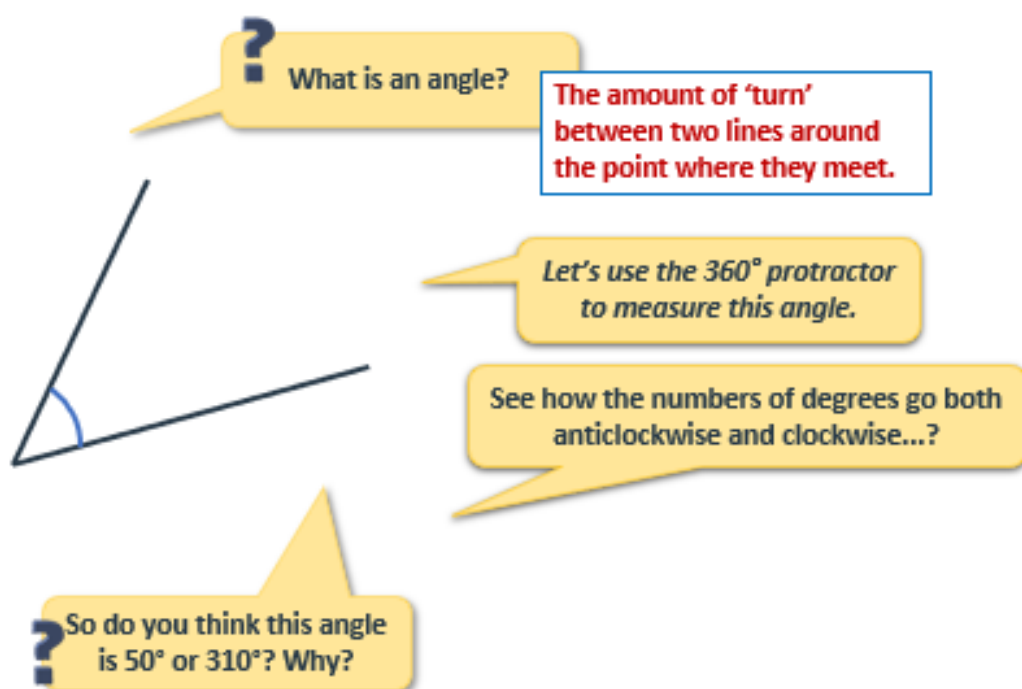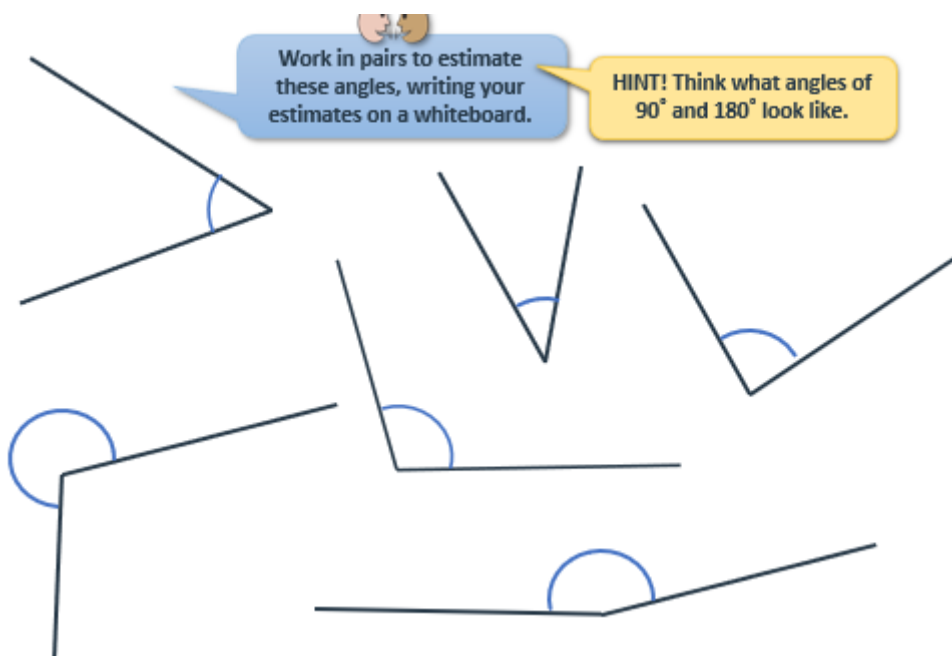**2**   Identify this angle:

3   What unit of measurement do we use to measure angles?

4   What type of angle has 180 degrees?

<u>Misconception:</u> Syd says that an angle of 90 degrees is an acute angle. Is he correct?

Day 1: Measure and draw angles using a protractor.

? What is an angle?

The amount of 'turn' between two lines around the point where they meet.

Let's use the 360° protractor to measure this angle.

See how the numbers of degrees go both anticlockwise and clockwise...?

? So do you think this angle is 50° or 310°? Why?

Draw an acute angle, estimate its size. Write your estimate. Then measure it. How close were you?
Repeat this for an obtuse angle.

_____

Draw a pentagon with two right angles and two obtuse angles.
Can you draw a pentagon with three acute angles?

_____

True or False? A quadrilateral could have two reflex angles.

_____

Harold Hardrada - Should I be the King of England?

Harold Godwinson - Should I be the King of England?

William of Normandy - Should I be the King of England?

Devise 3 reasons for the 'yes' and 'no' side of the arguments for each king gaining throne.

Friday Science

Can any more stones fit into this glass container full of stones?

Add sand to your container full of stones.

Then add water to your container.

Now you need to separate your mixture.
You need to separate your stones, sand and water from each other.
How can we do this?
Pour your mixture into a sieve (over a bowl/container).
This will separate your stones from your water and sand.

Then pour your mixture into a container through filter paper.
This will separate your sand from your water.

1. Why did the sieve separate the stones from the sand and water?
2. Why did the filter paper separate the sand from the water?

You will be trying to separate salt water.

You will then try to separate sugar water.

How do you think we can achieve this?

We will use filter paper to try to remove the salt from the water and sugar from the water.

What were our findings? Did filtering the sugar water and salt water work?