

Day 1 Maths

Can I use the column method for addition?

The column method is a way to set out addition of large numbers using our knowledge of place value.

If we were given $345 + 167 = ?$ It would be difficult to add just looking at it this way so we can use the column method to set it out formally.

The largest number always goes on top and you must start at the right column and work your way across.

Example using exchange

| | | | | | | | | | | | | | |
|---|---|---|---|--|--|--|--|---|---|---|---|--|--|
| | H | T | O | | | | | | H | T | O | | |
| | 3 | 4 | 5 | | | | | | 3 | 7 | 2 | | |
| + | 1 | 3 | 4 | | | | | + | 1 | 8 | 7 | | |
| | 4 | 7 | 9 | | | | | | 5 | 5 | 9 | | |
| | | | | | | | | | 1 | | | | |

Your work:

[illegible]

Day 1 English

Can I understand how to use fronted adverbials?

A fronted adverbial is a word or a phrase at the **start** of a sentence that adds description about **when**, **where** or **how** something happened.

-All of a sudden, he came zooming around the corner with having time to look where he was going.

-Beneath the hot summer sun, Bentley sat on the grass reading his favorite book.

| Time | Frequency | Place | Manner | Degree |
|--|--|--|--|--|
| Afterwards, Already, Always, Immediately, Last month, Now, Soon, Yesterday, Today, Tomorrow, Next year, In January, On Tuesday, In the morning, | Often, Again, Daily, Weekly, Fortnightly, Yearly, Sometimes, Rarely, Every second, Twice a year, Once a minute, Once, Once or twice, Three times, | Above the clouds, Below the sea, Here, Outside, Over there, There, Under the ground, Upstairs, In the distance, Between the sea and the sky, Everywhere she looked, Around the tent, Back at the house, Nearby, | Badly, Slowly, Happily, Awkwardly, Bravely, Like a ... , As quick as a flash, As fast as he could, Without a sound, Without warning, Unexpectedly, Unfortunately, Suddenly, Mysteriously, | Almost unbelievably, Much admired, Nearly asleep, Quite understandably, Really happily, Perhaps, Maybe, Just arrived, Certainly amused, Obviously angry, Definitely confused, Completely exhausted, Barely alive, Hardly out of breath, |

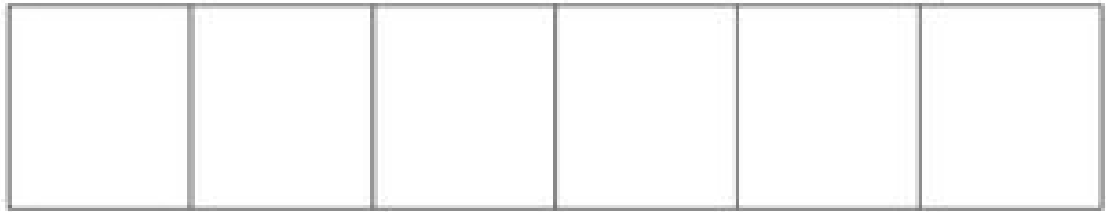
Use the word mat above to add fronted adverbials to these sentences.

1. She looked careful around the corner.
2. Millie was playing her music loudly.
3. he lay sleeping under the setting evening sunshine.
4. Annie zoomed down the hill on her new bike.
5. the children were playing a game.
6. It was much colder than John had anticipated.
7. Ray is able to go to Spain to see his friends and family.
8. Jen went shopping .

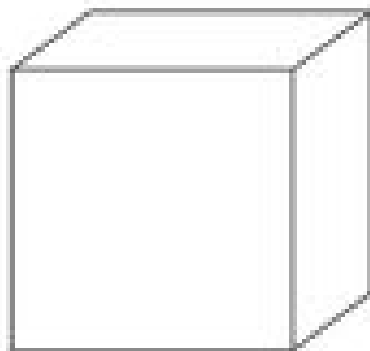
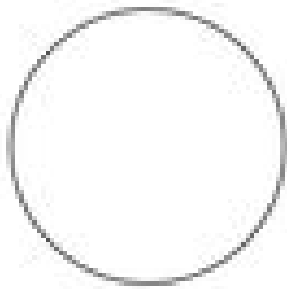
Day 1 Art

Can I use my knowledge of shading to represent light on a 3D drawing?

Use one of the techniques you have learnt previously to create light to dark



Use a few of the different techniques you have learnt to represent where the light is coming from, draw an arrow to show what direction the light is going. Use shading to show the darker areas and shadows.



Day 2 Maths

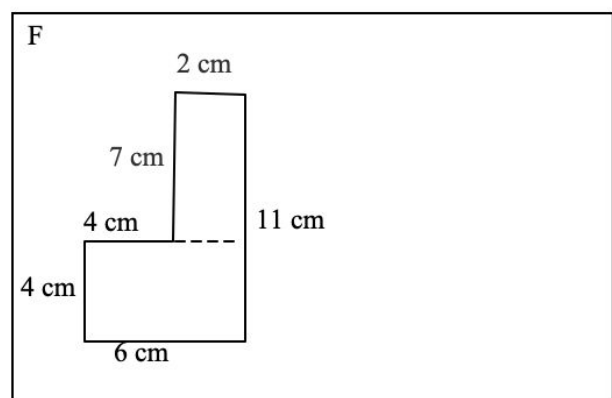
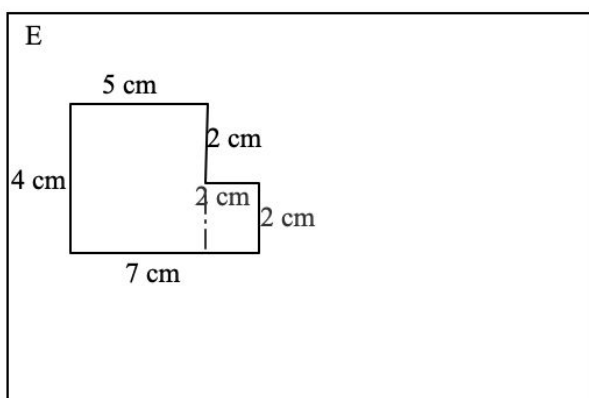
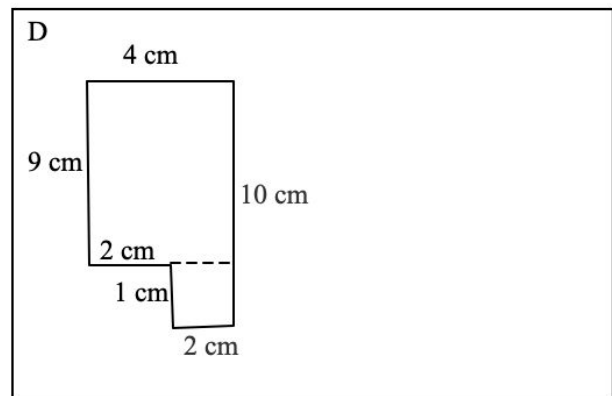
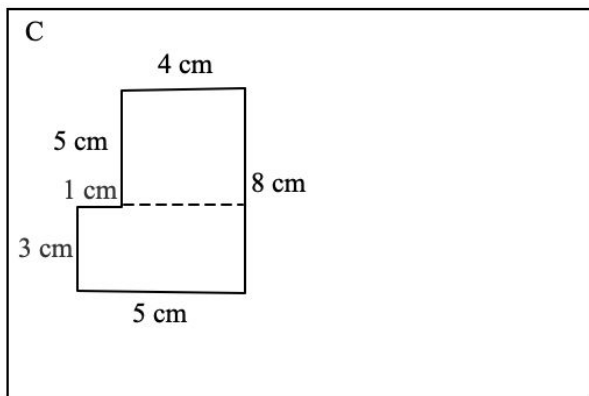
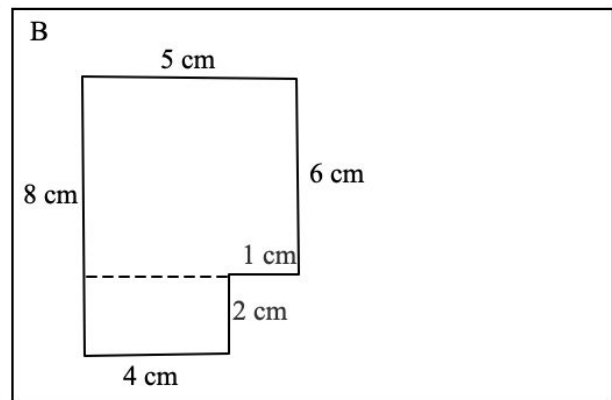
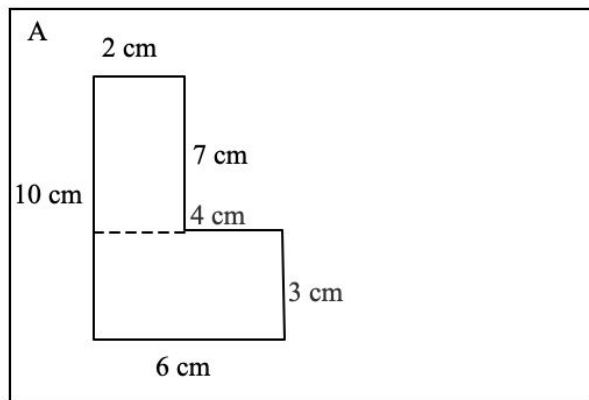
Can I calculate the area of a compound shape?

The formula for area = Length x Width. Therefore when looking at compound shapes you need to split it into two shapes. Looking at question A as an example.

The top shape is $L7 \times W2 = 14\text{cm}^2$

The bottom shape is $L3 \times W6 = 18\text{cm}^2$

Then you need to add those two answers together. You can use your column addition if you like. The answer would be 32cm^2 . Complete the other questions.



Day 2 English

Can I identify the correct conjunction to use in a sentence?

Conjunctions are used to join two clauses together.

For example: Mum said we could go to the beach today **if** the sun is out.

I will put on suncream **because** the sun can harm your skin.

1. Should I go to the party.....stay at home? (and/or)
2. I put on my hat and glovesit was cold. (because/so)
3. I brushed my teeth.....I went to school. (because/before)
4. Mum likes sprouts.....I hate them! (and/but)
5. I answered the phone.....it rang. (as soon as/until)
6. We ran after the bus.....it started to drive off. (because/so)
7. I put on my glasses.....I could read the letter. (so/as)
8. I couldn't solve the puzzle.....hard I tried. (incase/however)
9. Lucy climbed the hill.....she reached the top. (until/because)

Day 2 French

Can I recall the months, seasons, foods and preferences in French?

Translate these french words into English.

Janiver

Les tomatoes

Mai

J'adore

l'hiver

Fevrier

Mars

Les pommes

Juin

Je n'aime pas

Avril

Le poisson

l'ete

Juillet

Aout

L'eau

Novembre

J'aime

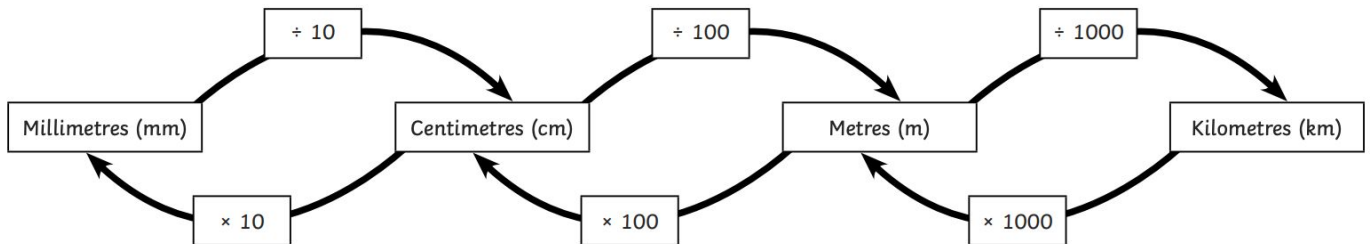
Les bonbons

Decembre

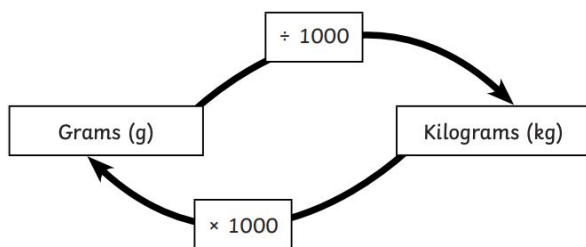
Day 3 Maths

Can I convert measurements?

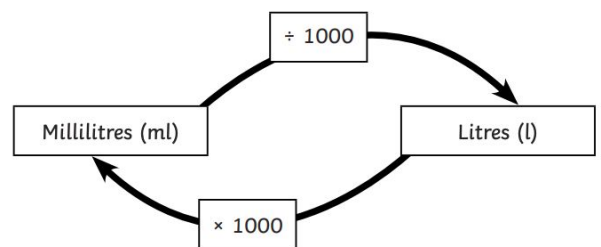
Length



Mass



Capacity



Convert:

1. 10mm into cm
2. 17km into m
3. 5500g into kg
4. 9l into ml
5. 87m into cm
6. 5.5kg into g
7. 76426ml into l
8. 45.9cm into mm

Day 3 English

Can I identify fact and opinion in a piece of text?

Fact: a thing that is known or proved to be true

Opinion: a view or judgement formed about something, not necessarily based on fact or knowledge

Example of a fact: an oven is used to cook or bake food

Example of an opinion: the colour pink is the best colour

Read through the passages below. Identify the sentences you think are facts and those that are opinions.

This has to be the most exciting game of football that I've ever seen so far. David Beckham is easily the best player on the pitch. He has scored 5 goals so far this season. I think he'll score a lot more.

Tomorrow is an important day for the pop group , BoysRUs. They release their third single tomorrow. Their last 2 singles have gone straight into the charts at number 1. This new single, however, is an awful mix of pop and blues music. It's not as good as the previous 2 hits. It certainly looks to me like BoysRUs should ask for their day job back at the toyshop.

Buy the new Superclean bathroom cleaner. It'll leave your bathroom sparkling clean! Superclean uses a mixture of soap and bleach which attacks dust and grime. You won't be able to believe your eyes when you see what Superclean can do for you. Only £1.99 a bottle.

Write 2 facts about a pop group.

Write 2 opinions about a pop group.

Write 2 facts about school.

Write 2 opinions about school.

Write 2 facts about food.

Write 2 opinions about food.

Day 3 Science

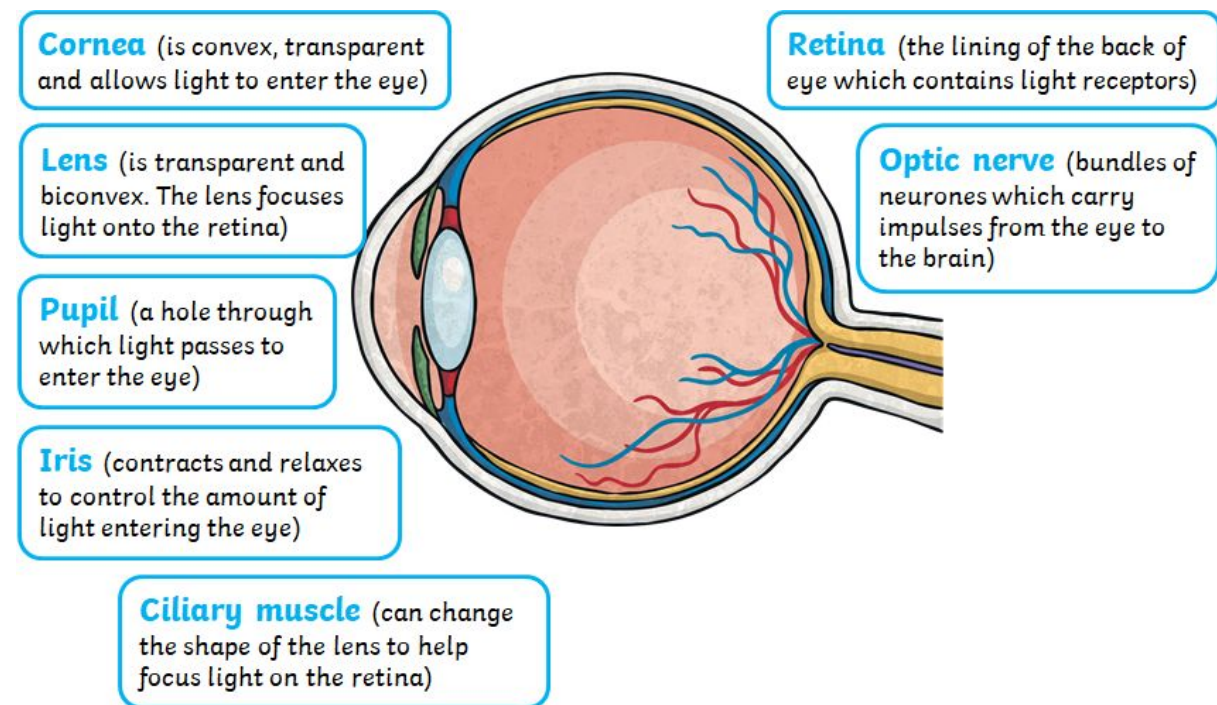
The Human Eye

The eye is a ball with a hole at the front, the pupil, which lets in light.

Inside the eye is a lens which focuses the light onto a surface at the back of the eyeball. This surface is called the retina and is made up of special cells which detect light and send messages to our brain, allowing us to see.

A human eye has more than a million light-sensitive cells.

Draw and label your own diagram of the eye and use <https://www.bbc.co.uk/bitesize/clips/zf9c87h> to explain what each part of the eye does and how this helps us to see an object.

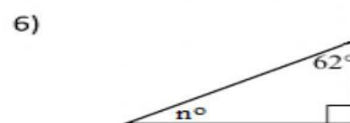
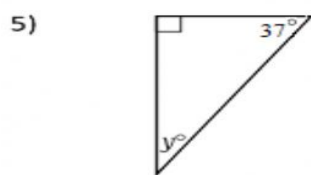
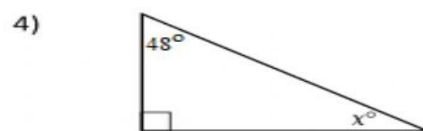
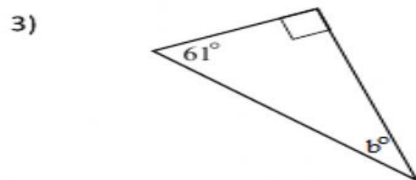
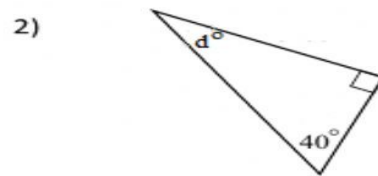
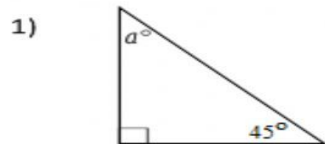


Day 4 Maths

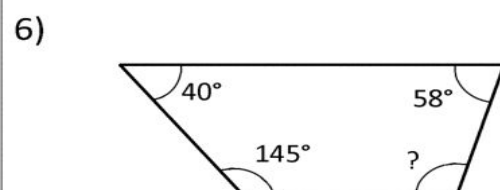
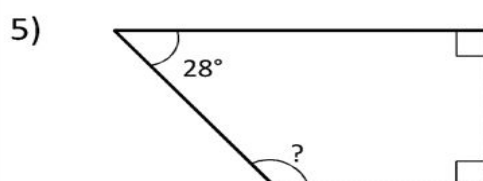
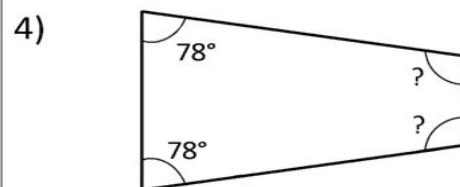
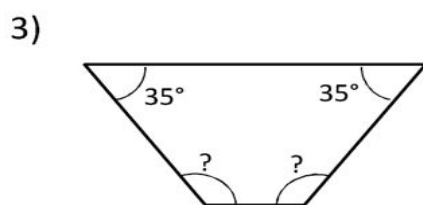
Can I calculate the missing angle?

When calculating the missing angle of a shape, you need to know what the total will be. For a four sided shape the total is 360 degrees, and for a triangle it is half that (180 degrees). Right angles are 90 degrees. You need this knowledge to calculate missing angles.

Example 1) The known total is: $45 + 90 = 135^\circ$. Now subtract this total to find the missing angle: $180 - 135 = 45^\circ$

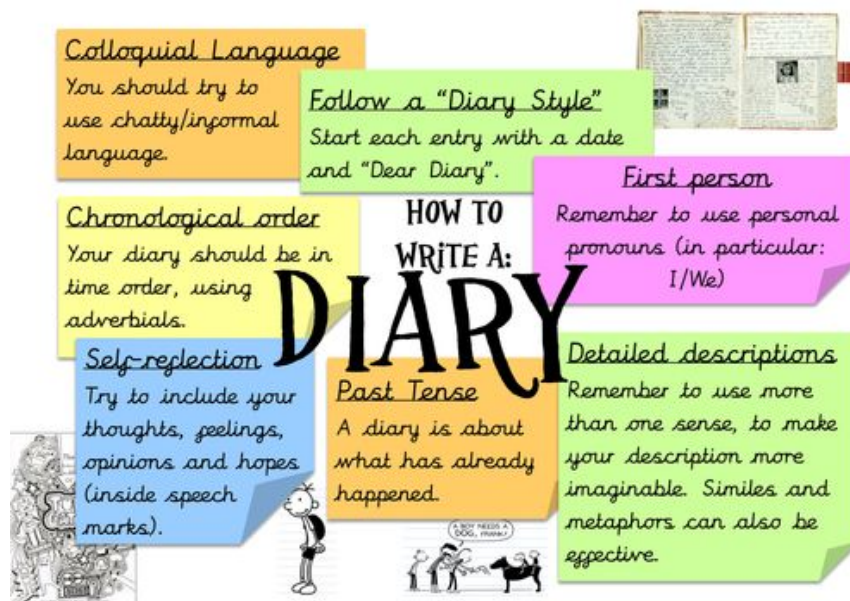


Now find the missing angles of these 4-sided shapes. Remember to look carefully at the equal angles.



Day 4 English

Can I write a diary entry?



Example of a diary entry

Dear diary,

12/9/2020

Today has been awesome! Not only did the sun finally come out but we were going to have our cousins over which I am really excited about. It has been far too long since we have seen them and the whole family misses them so much, facetime calls and videos just aren't enough.

Before everyone came over I helped my sister in the garden, she has been growing lots of yummy vegetables and all the flowers are finally blooming, they look so pretty!

Anyway, after what felt like forever, my cousins were finally here. We all hid with water guns and sling shots ready to attack when they walked in. They all ran in ready for our water fight and it was so much fun we were completely soaked through, I don't think I stopped laughing the whole afternoon!

To finish the day off we played a mini sports day, had a BBQ and ate lots of ice cream. I am exhausted! I hope we get to see them again soon. I had the best day!

Talk tomorrow.

Now write your own.

Day 4 History

Can I retrieve information about a famous leader?

Boudicca

Who was Boudicca?

Boudicca was the wife of Prasutagus, the ruler of a Celtic tribe called the Iceni. The Iceni lived in a region of Britain that is now called Norfolk.

Prasutagus and the Roman Agreement

When Romans settled in the southern Britain in AD 43 they made an agreement with Prasutagus so that he would be able to continue as the ruler of the Iceni. When Prasutagus died, the Romans turned on the Iceni. They stole from the Iceni tribesmen, made people slaves and they had Boudicca and her daughters whipped.

What did Boudicca look like?

According to Dio, a Roman writer, she was tall and had red hair hanging below her waist. She had a harsh voice and piercing glare, and habitually wore a large golden necklace (perhaps a torc), a many-coloured tunic, and a thick cloak fastened by a brooch.



Famous Speech

"I am fighting as someone like you who has lost their freedom. I am fighting for my bruised body. The gods will grant us the revenge we deserve. Think of how many of us are fighting, and why. Then you will win this battle or die. That is what I, a woman, plan to do. Let the men live as slaves if they want. I won't!"

- 1) What tribe did Boudicca belong to?
- 2) Where was the tribe based?
- 3) What deal did Boudicca's husband make with the Romans?
- 4) In her famous speech, what did Boudicca state she would not do?
- 5) Why do you think we don't know exactly what Boudicca looked like?

The Rebellion

In about AD 60, the Roman Governor was sent to North Wales to lead an army. While he was away Boudicca led an attack against the tribe's Roman rulers with several other tribes. Her army were called the Britons.

They managed to destroy Camulodunum (Colchester), the capital of Roman Britain, and defeated the Roman IX legion.

- 6) Find and copy the Roman name for Colchester.

Day 5 Maths

Can I use the short (bus stop) method to calculate division?

| | | | | | | |
|---|---|---|---|---|--|--|
| | | | | | | |
| | 2 | 0 | r | 1 | | |
| 2 | 4 | 1 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Unlike the column method you must start on the left.

In this example you are finding out how many 2s are in 41.

First you solve: How many 2s are in 4 and write the answer 2 above.

Then you move to the next digit on the right to solve: How many 2s are in 1 and there are 0 so you write the answer 0 above the 1.

You must record the 1 as a remainder.

For the questions below the divisor will not go into the first digit so you need to look at the first two digits together. For Q1 this is how many 5s go into 21?

Watch the video if you need support

<https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw>

1.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 5 | 2 | 1 | 4 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

2.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 7 | 5 | 4 | 5 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

3.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 9 | 8 | 6 | 7 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

4.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 5 | 4 | 3 | 3 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

8.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 5 | 1 | 3 | 7 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

9.

| | | | | | | |
|---|---|---|---|--|--|--|
| | | | | | | |
| 7 | 4 | 3 | 9 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Day 5 English

Can I infer emotions?

We don't want to tell our audience everything about our characters: we want them to use inference. This is sometimes called 'show not tell' and it is a very effective way of drawing the reader in, creating suspense and building up characters. It is all about describing actions to convey what the character may be feeling



Which emotion is being conveyed?

1. Steam coming out of your ears
2. Hands waving in the air
3. Eyes popping out
4. Dripping with sweat
5. Shivering and teeth chattering
6. Hiding behind things
7. Butterflies in stomach
8. sweaty palms/hands

Write a show not tell description for each of the following emotions

Shy

Tired

Embarrassed

Day 5 PSHE

Can I understand how to be safe on social media?

Social media is everywhere and lots of different people are on social media accounts. This means that you may not know some people personally which we know we must be very wary about. It is also important to understand and know how to use social media to ensure we are kind and respectful. Trying to understand what someone is conveying on social media can be tricky sometimes so you should always take some time to think about what it may mean.

Have a look at the picture below and think about the questions in the bubbles.

Understanding Social Media

Why do you think this person feels the need to tell everyone about their amazing birthday?

How would you feel reading this?

Who do you think this person hopes will see this message?

How do you think this person wants their social media friends to feel?

How would you respond to this?

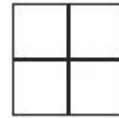
By being curious about how your friends use social media, you can make sure you are empathetic about how they are actually feeling. Remember, how someone says they are feeling on social media is not always a description of their true feelings.

Day 6 Maths

Can I recognise and use square and cube numbers?

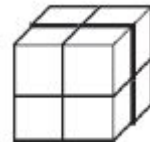
Square numbers are the product of a number multiplied by itself.

$$2^2 = 2 \text{ squared} = 2 \times 2 = 4.$$



Cube numbers are the product of a number multiplied by itself three times.

$$2^3 = 2 \text{ cubed} = 2 \times 2 \times 2 = 8.$$



Complete the table:

| | | |
|--------|--------------|-----|
| 1^2 | 1×1 | 1 |
| 2^2 | | 4 |
| 3^2 | 3×3 | |
| | 4×4 | 16 |
| 5^2 | | |
| | | 36 |
| | 7×7 | |
| 8^2 | | |
| | | |
| 10^2 | | 100 |

| | | |
|-------|-----------------------|----|
| 1^3 | $1 \times 1 \times 1$ | 1 |
| 2^3 | $2 \times 2 \times 2$ | |
| 3^3 | | 27 |
| | $4 \times 4 \times 4$ | 64 |

Day 6 English

Can I write in the past tense?

The first bit of text is in present tense – what I am doing **now**. The second bit is in past tense – what I did **yesterday**. Can you insert the correct verbs? Use the word bank at the bottom if you need to.

I **get** up at about 8 'o'clock and **go** downstairs for some breakfast. I **walk** down to McColl's on Mersea Road, and I **buy** a banana and some orange juice. I **come** back home and **make** myself a cup of tea. Next, I **listen** to the cricket on the radio before I **go** and **meet** some friends at the cinema. I then **watch** a film called Alice in Wonderland and then I **go** back home. I **cook** some chicken and pasta for my dinner and I **eat** it quickly because I **am** hungry.

I ____ up at about 8 'o'clock and ____ downstairs for some breakfast. I ____ down to the McColl's on Mersea Road, and I ____ a banana and some orange juice. I ____ back home and ____ myself a cup of tea. I ____ to the cricket on the radio before I ____ and ____ some friends at the cinema. I ____ a film called Alice in Wonderland and then I ____ back home. I ____ some chicken and pasta for my dinner and I ____ it quickly because I ____ hungry.

| | | | | |
|---------|----------|--------|------|--------|
| watched | got | cooked | went | bought |
| walked | came | made | ate | met |
| was | listened | | | |

Day 6 Science

Amazing Fact

You can buy a torch which is 20 000 times brighter than a regular torch. It can be used to start fires, melt polystyrene and even fry eggs!

Do you know how light travels?

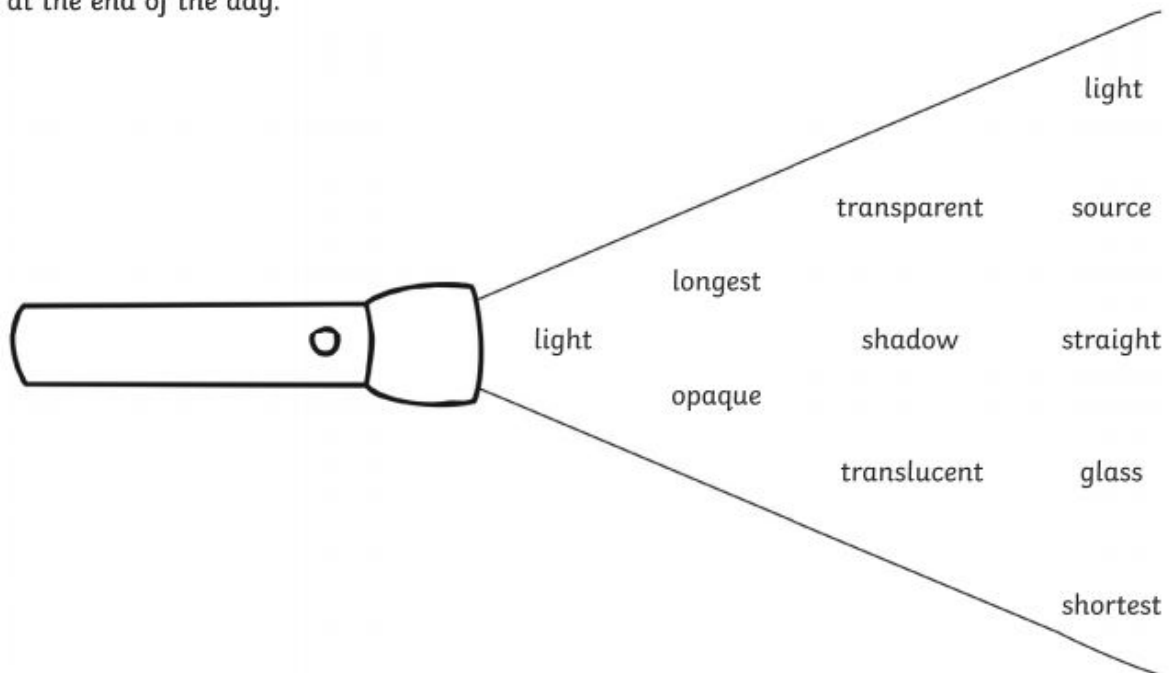
Select the missing words from the torch below and fill in the gaps.

Challenge 1

Do you know how light travels?

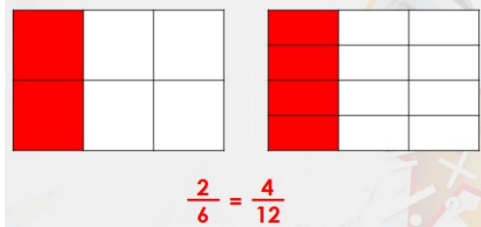
Select the missing words from the torch below and fill in the gaps.

Light travels in _____ lines from a _____ of light, which bounces off an object. We can see the object because the _____ enters our eyes. Wood and cardboard are _____ objects, which light cannot travel through. _____ is a _____ material which allows light to pass through. Tissue paper is _____ which will let some light travel through. When an object blocks out the _____, a _____ is formed. Shadows are _____ at midday and _____ at the end of the day.



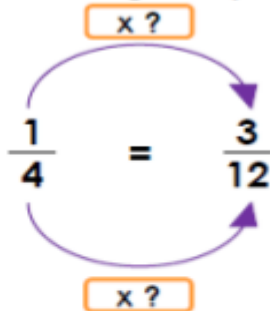
Day 7 Maths

Can I identify equivalent fractions?

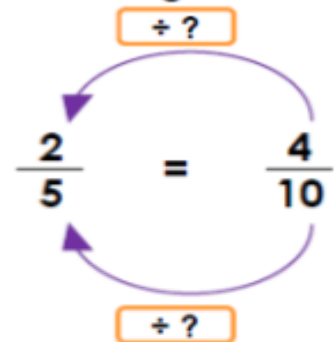


Equivalent fractions are fractions that have the same value. If you multiply or divide the numerator and denominator by the same number, the fraction will be equivalent.

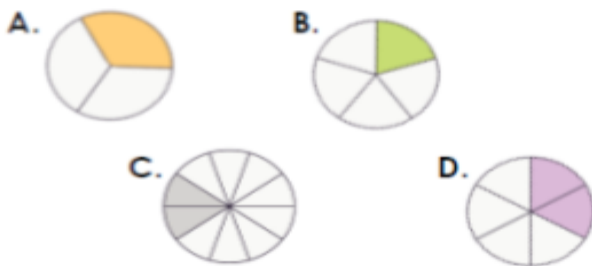
1. Fill in the missing multiplier.



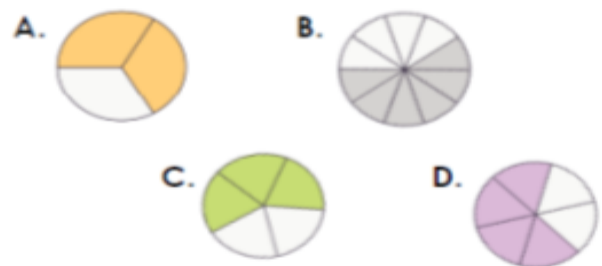
2. Fill in the missing divisor.



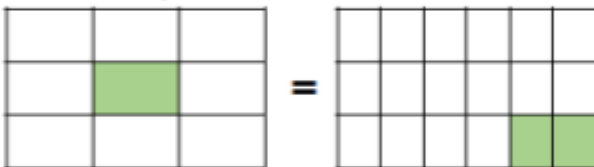
3. Match the equivalent fractions.



4. Match the equivalent fractions.



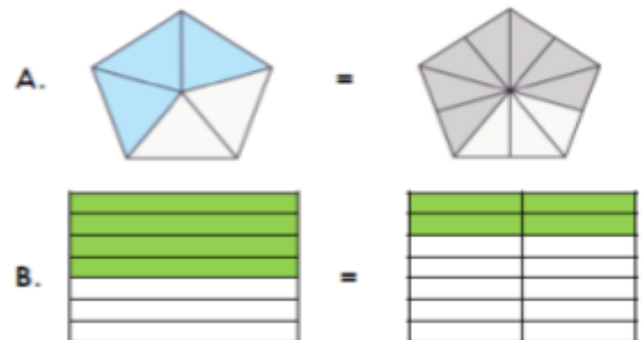
5. Conrad has coloured two grids to create an equivalent fraction.



The shaded parts are equal.

Is Conrad correct? Explain your answer.

6. Shelly has drawn some equivalent fractions.



Find and explain any mistakes.

Day 7 English

Can I punctuate direct speech?

The general rules of direct speech are:

- Each new character's **speech** starts on a new line.
- **Speech** is opened with **speech** marks.
- Each line of **speech** starts with a capital letter.
- The line of **speech** ends with a **comma**, exclamation mark or question mark.
- A reporting clause is used at the end (said Jane, shouted Paul, replied Mum).

Can you identify how these should be written?

1) what time is it asked Mr Lever.

2) i don't believe it shouted Mr Parry.

3) what time are you heading to work asked Joanne. In about thirty minutes replied Steven.

4) my favourite colour is red said the little boy.

5) leave it over there said Mrs Armstead. Ok replied the delivery man. No not there, over there said Mrs Armstead pointing over to the corner.

6) are we there yet moaned the children.

7) the fans shouted come on colchester

Day 7 R.E.- Can I identify religious symbols?

The six oldest main World Religions in order are:

Hinduism - The oldest religion, it may date to prehistoric times.

Judaism - The Hebrew leader Abraham founded Judaism around 2000 B.C. Judaism is the oldest of the monotheistic faiths (religions with one god).

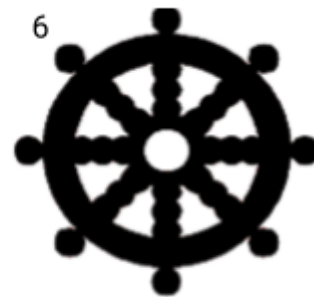
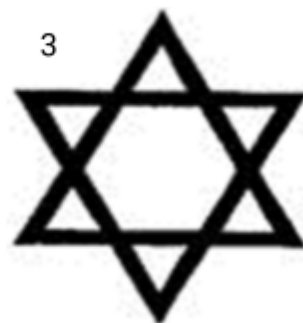
Christianity - Founded by Jesus Christ, who was crucified around A.D. 30 in Jerusalem. It was after his death when his followers came to believe in him as the Christ, the Messiah.

Buddhism - Founded by Siddhartha Gautama, called the Buddha, in the 4th or 5th century B.C. in India.

Islam - Founded in Arabia by Muhammad between A.D. 610 and A.D. 632

Sikhism - Founded in 1469 by Guru Nanak in the Indian region of Punjab.

Can you match the religion to the symbol?



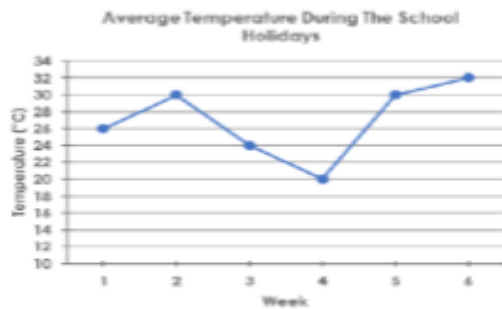
Day 8 Maths

Can I read and interpret line graphs?

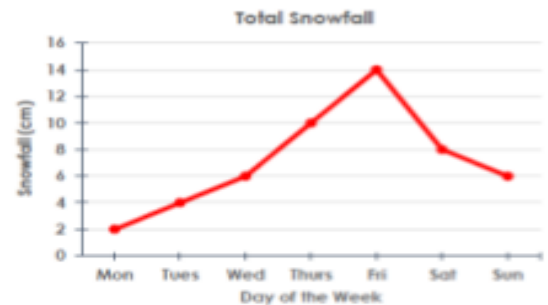
A line graph is used to display information which changes over time. It is plotted on a graph as a series of points joined with straight lines.

Often we draw these to show results in science, where you carry out investigations (for example, temperature changes over time or plants growing).

- 1 In which weeks were the temperatures 30°C or above?



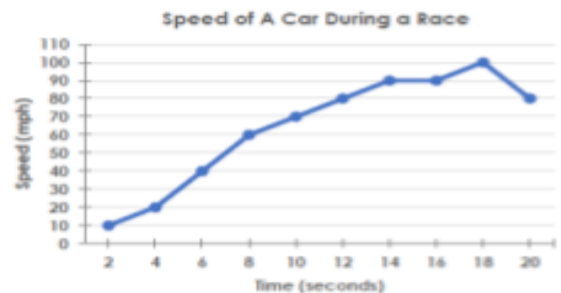
- 2 Last Friday, 12cm of snow fell in Alaska, and 14cm fell in Greenland. Which country is represented on the line graph?



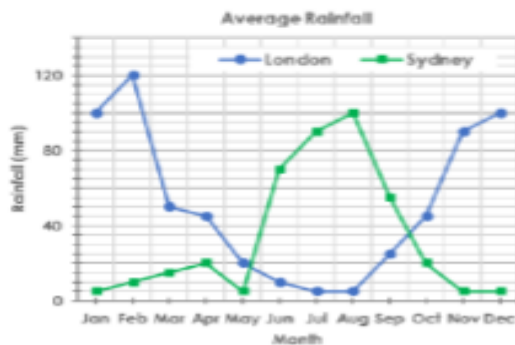
- 3 In which months were the temperatures below 0°C ?



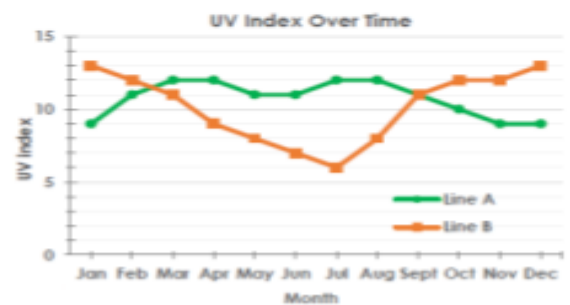
- 4 Peter said that his car took 14 seconds to reach its top speed. Is he correct? Explain why.



- 5 Which months had the highest amount of rainfall for each city?



- 6 The UV Index was higher overall in Panama than Madagascar. Which line represents Madagascar?



Day 8 English: Can I add relative clauses to my sentences?

A relative clause can be used to give additional information about a noun.

They are introduced by a relative pronoun like 'that', 'which', 'who', 'whose', 'where' and 'when'. For example:

I won't stand by the man who smells of slime.

In this example, the relative clause is 'who smells of slime'. It provides more information about the man. The relative pronoun, 'who', is used to connect these clauses in the sentence.

Can you add a relative clause to these sentences?

Add

| | | | |
|---|---|--|---|
|  |  |  |  |
| where | who | whose | which |

1. My teacher told me to try my best.
2. The boy ran down Monkwick Avenue.
3. I saw the dog.
4. "Don't cry", said Mrs Green.
5. I live in Colchester.

Success Criteria Checklist:

| | |
|---|--|
| I can add extra information after the noun. | |
| I have used the words where, which, who or whose to start my relative clause. | |
| I have put commas at the start and end of my relative clause. | |

Day 8 Can I stay safe online?

Watch Play Like Share, Episode 1 (Find Play Like Share at www.thinkuknow.co.uk/8_10/watch/)

Watch Episode 1: Block Him Right Good, Alfie.

What did you think? What did you like about Play Like Share?

What different things do Sam, Ellie and Alfie do online?

What problem did Alfie face at the beginning of the cartoon?

How did the gamer make Alfie feel?

What did Alfie do when he realised something wasn't right?

What happened when Selfie's video was made public? How did it make them feel?

Now - Design a poster for Selfie

Create a poster for Sam, Ellie and Alfie's new band Selfie. Come up with a design that shows off each character's talents and personality.

Day 9 Maths

Can I solve word problems?

Word problems may look tricky but with a few simple steps, you will find the answer.

- ★ Read the question – twice if it helps
- ★ What do I have to find out? Find the key words or draw an image.
- ★ Find the operation + - x or ÷
- ★ Do the calculation and check it
- ★ Remember to put in what the number represents (£, cm, m², giraffes)

1. In a game Sadie scored 132 and Jake scored 227. What was their total score?
2. A train was carrying 926 passengers. 258 got off. How many were left on the train?
3. There are 12 candles in a box. How many candles are there in 7 boxes?
4. Mr Visagie has 130 stick insects. Sally has half as many. How many stick insects does Sally have?
5. Monkwick Junior School has 558 pupils. There are 31 pupils in each class. How many classes are there?
6. Year 5 has 624 cakes in a cake sale. They sell $\frac{3}{4}$ of them. How many cakes are sold?
7. Mr Lever counts 1321 red cars. Mr Parry counts 635 blue cars. How many more red cars are there than blue?
8. The average age of pupils in a class is 11. If there are 32 pupils, what is their total age?

Day 9 English

Can I identify synonyms and antonyms?

Synonyms are words with a similar meaning to the word given. Antonyms are words that mean the opposite.

| Word | Synonym | Antonym |
|-----------|------------|--------------|
| lucky | fortunate | unfortunate |
| beginning | start | end |
| definite | conclusive | inconclusive |
| calm | tranquil | stormy |

Match the words below, linking the word on the left to its synonym and antonym, as seen on the example below.

Alternatively, draw a table on your paper.

WORD

SYNONYM

ANTONYM

| | | |
|----------|------------|-----------|
| special | diminutive | ordinary |
| generous | sincere | large |
| on time | beautiful | deceptive |
| angry | develop | stingy |
| small | different | regress |
| honest | punctual | ugly |
| pretty | giving | late |
| improve | upset | pleased |

Day 9 Science

Can I identify how exercise affects my body?

Try these out to remind yourself about what exercise does for your body.

Brilliant balancing

How long can you balance for when standing on one leg? Practise balancing for as long as you can and find out if you improve with practice. Make up your own balancing activity, e.g. standing on your toes or having your arms in the air, and investigate which lets you balance for the longest.

Did you know? There are receptors on the nerve endings in muscles, tendons, joints and the inner ear called proprioceptors, which tell you where you are in relation to the space around you. Many injured athletes use proprioception training in order to regain their sense of balance

Quick off the block

Use a ruler to test your reactions. Get a friend to hold the tester so zero is at the bottom and then let go – and see how far it falls before you can catch it. Are you faster with your right or left hand? Do you get better with practice?

Did you know? The fastest-reacting muscles in your body are those involved in your eyes blinking. They allow you to blink up to five times a second.

Body fact or fiction?

Is your arm span the same as your height? Is the length of your foot the same as the circumference of your fist? Is the height of your ear the same as the height of your nose? Measure them to find out if these are body facts or body fictions. Can you think of more body facts?

Did you know? The tallest man in history was an incredible 2.72 m.

Day 10 Maths

Can I solve multistep word problems?

Last time, we looked at how to solve word problems. Now we will look at multistep problems.

The school office has a box of 20 pens. Mrs Houghton and Mrs Armstead take 7 pens each. How many pens are left?

We can't work out how many are in the box until we know how many were taken out. So, 7×2 (or $7 + 7$) = 14 is the first operation. Now we can $20 - 14 = 6$. So, 6 pens are left in the box.

1. Monkwick Junior School has 376 children. 159 of them visit Colchester Castle
2. A bus left Monkwick at 09:00 and arrived at Leeds at 13:00. The journey is approximately 200 miles. On average how many miles did the bus travel each hour?
3. The thickness of 6 coins is 6 millimetres. How many coins are needed to make a pile 10 centimetres high?
4. Mrs Green buys a television for £398 and a games console for £299. If she has £750, can she afford also to buy a radio for £54? How much will she have left or be short?
5. The school shop is giving a 15% discount on sweatshirts and 20% on coats. How much discount will there be on a £15 sweatshirt and a £20 coat?
6. A 37 centimetre length and a 45 centimetre length are cut off a 25 metre ball of string. What length of string is left?

Day 10 English

Can I understand a text?

Read the following and answer the questions.

Making a list of New Year's resolutions is popular with many people. It is a set of goals people make. The hope is to do some things better in the new year. Usually, these resolutions are about improving themselves. Some people want to exercise more. Others want to save money. Some want to learn new skills. This year, ask your family or friends to try a group resolution. Consider reducing your waste of plastic products you only use once. This might mean using fewer plastic bags. It might mean thinking twice before getting foods packed in plastic. Much plastic is used just once and quickly becomes trash. Some plastic goes into the ocean. Scientists estimate that 18 billion pounds of plastic trash flows into the oceans every year. Here are two ways to use less plastic in 2020 as a family.

Decorate With Paper

Planning a birthday party or holiday celebration? Pledge to have a plastic-free party. Get creative when decorating. Try not to use balloons. Undersea animals can mistake balloons for food. Replace balloons with cut-out paper decorations. This could include banners or confetti. Maybe you were planning to celebrate with glitter. Most glitter is actually just tiny pieces of plastic. Instead, consider buying a natural kind. This will be less wasteful.

Bring A Reusable Bag To The Store

Promise to shop smarter. It is healthier for you and the planet. Try to avoid snacks that come wrapped in individual plastic. Instead, go to the bulk section of the store. You can usually grab popcorn kernels and banana chips here. Shop with reusable bags for whole fruits and vegetables. Grab some canned beans. Fill a bring-your-own container with grains from the bulk section. Brown rice is an example. Families can cook a meal free from single-use plastic. Maybe fish is on the menu. If so, read an online guide like Seafood Watch. It shows the practices used to catch that type of fish. Often, fishers leave behind their gear. It falls in the ocean. Knowing the kind of gear used to catch fish can help cut down on harm. We all want to spend less money. Plastic is a great place to start. Instead of buying new toys, host a toy trade. Swap with your friends. Do not forget about the plastic packaging. It covers almost all items that you buy online. Consider your plastic resolution when shopping anywhere. Get creative! Think of ways to give old pieces of plastic a new job. Avoid buying a new item. Use newspaper sleeves to pick up pet poo, for example.

1 What does the section "Decorate With Paper" show the reader?

- (A) the kinds of snacks to buy when shopping in a store
- (B) some ways to spend less money by buying fewer new toys
- (C) some ways to have a party without using plastic decorations
- (D) the number of pounds of plastic trash that flows into the oceans

2 What information will the reader find in the section "Bring a Reusable Bag To The Store"?

- (A) Most glitter is made of tiny pieces of plastic.
- (B) Undersea animals sometimes think balloons are food.
- (C) New Year's resolutions are goals that people make.
- (D) Seafood Watch gives information about how fish are caught.

3 The author thinks that people should bring reusable bags to the store when shopping. Why does the author think this?

- (A) because using reusable bags is a lot of fun to do
- (B) because using reusable bags is good for the planet
- (C) because reusable bags can hold foods wrapped in plastic
- (D) because reusable bags can be thrown away in the trash

4 The author writes that "we all want to spend less money. Plastic is a great place to start. Instead of buying new toys, host a toy trade. Swap with your friends." How does the author feel about buying new plastic toys?

- (A) It is great to buy new plastic toys for friends.
- (B) Buying new plastic toys is good if you give them to your friends.
- (C) Trading toys with friends is better than buying new plastic toys.
- (D) It is great to buy new plastic toys for a toy trade

Day 10 Science

Can I recognise the meanings of words describing the properties of materials?

Can you match the word to its description?

| | |
|-------------|---|
| Opaque | attracted to a magnet |
| Brittle | difficult to break |
| Rough | even surface |
| Transparent | not man-made |
| Flexible | cannot be bent |
| Strong | uneven surface |
| Magnetic | you cannot see through it |
| Waterproof | reflects light |
| Smooth | you can see through it a bit |
| Translucent | soaks up water |
| Shiny | can be bent |
| Synthetic | difficult to scratch or squash |
| Absorbent | man-made |
| Rigid | you can see completely through it |
| Natural | hard but easily broken |
| Hard | does not soak up water or let water through |