

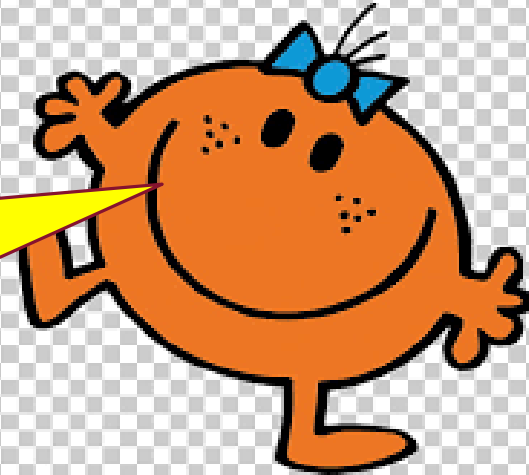
WEDNESDAY 25TH MARCH

BEECH CLASS

GOOD MORNING EVERYONE. TODAY'S SUBJECTS ARE AS FOLLOWS...

1. Maths
2. English
3. Comprehension
4. Handwriting
5. Science

Remember; Try to plan in some 'time to yourself' during the day, to do something you like on your own. Everyone appreciates a little 'space' from time to time. 😊



MATHS - YEAR 4

LO: KNOW HOW TO PLOT/READ CO-ORDINATES

Mental maths starter: Practise your X tables – if you wish you can use one of the 5 minute tests I handed out, or one of the websites we use / were on the lists given.

Eg: <https://www.timestables.co.uk/speed-test/>

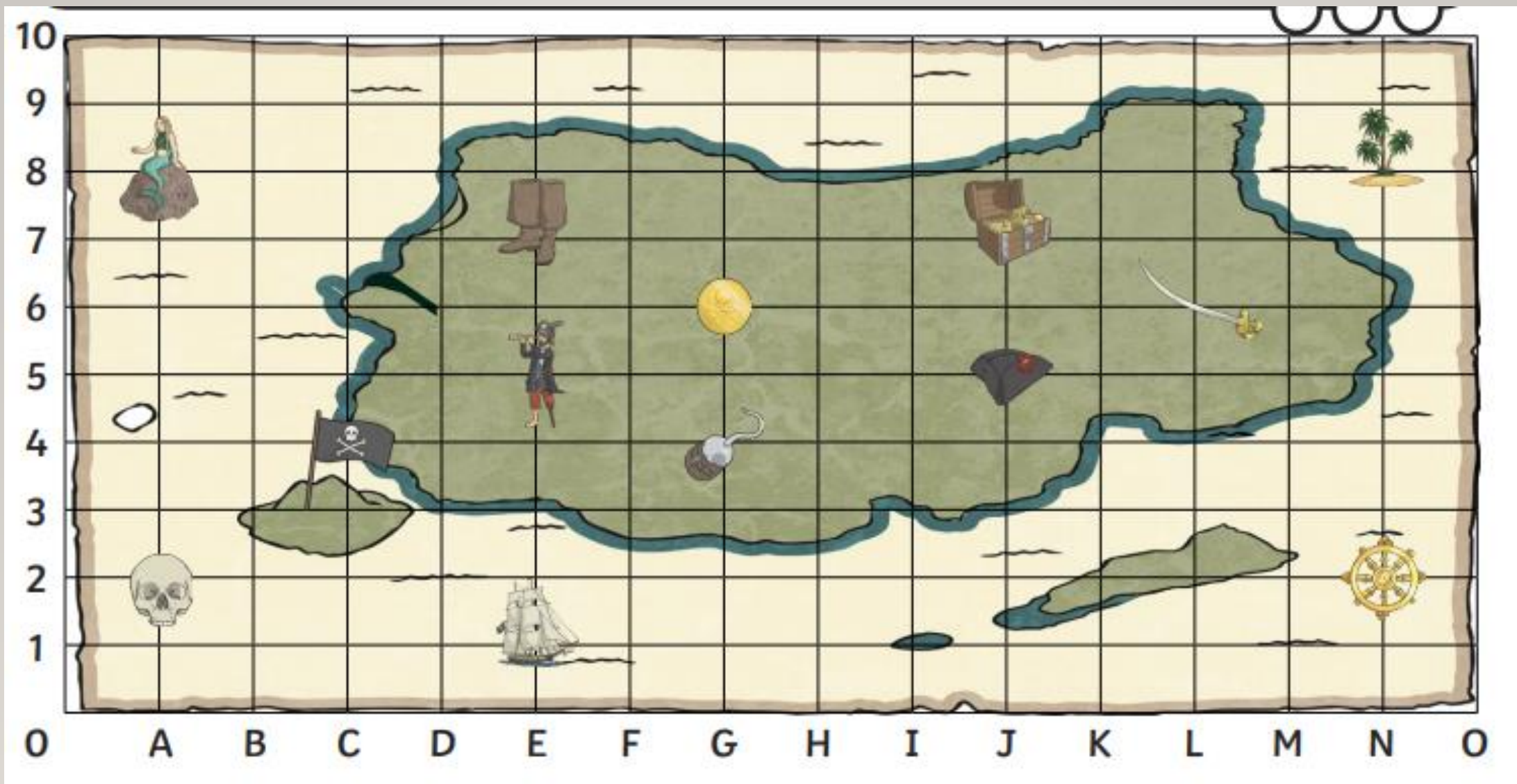


We are continuing with Co-ordinates – if you need to refresh






how to read and write co-ordinates, look back at the websites listed

on Monday or Tuesday's powerpoints / pdf's

Top Tip: remember 'along the corridor, up the stairs' (X , Y)



TASK 1: LOOK AT THE MAP ON THE PREVIOUS PAGE AND ANSWER THE QUESTIONS BELOW

What is at these coordinates on the pirate map?	Write the coordinate of these places on the pirate map:
(E,5) = _____	 = (,)
(G,6) = _____	 = (,)
(L,6) = _____	 = (,)
(J,7) = _____	 = (,)
(A,8) = _____	 = (,)

When you have completed task 1, create a treasure map of your own, with between 5 and 10 landmarks.

Use your map to plot a route you might follow – starting at one landmark and ending up at the treasure! ‘X’ marks the spot... ‘Ah harrrrrgh me hearties!’






Make a journey which goes to at least half of the landmarks on your map – then test someone in your house to see if they can follow your map to find the treasure.

Tip: remember to mark the (X, Y) co-ordinates on the lines in your book and NOT the squares – just like the map on the previous page.

(answers on next page – try to do all Q’s before you check)

HOW DID YOU DO?

- Answers to task 1:

What is at these coordinates on the pirate map?	Write the coordinate of these places on the pirate map:
(E,5) = <u>pirate</u>	 = (E , 7)
(G,6) = <u>gold coin</u>	 = (G , 4)
(L,6) = <u>sword</u>	 = (N , 8)
(J,7) = <u>treasure</u>	 = (C , 4)
(A,8) = <u>mermaid</u>	 = (N , 2)

- Your treasure hunt map:
- Was your map and route through it to the treasure successful? Send in a copy and share with us on the learning pages

ENGLISH

LO: WRITE PERSUASIVELY.

Context / purpose: Mrs Patchett would like you to write a page for our school prospectus, encouraging other children to come to Bournebrook.

Task: Complete the next paragraphs (but not your conclusion) for your school prospectus page. The key here is to **PERSUADE**. Use AFOREST to do this and think about how you will encourage and engage your reader.

Success Criteria are on the next page...



USE... (EVERYONE MUST FOCUS ON THE RED, MANY SHOULD TRY TO INCLUDE THE OTHER FEATURES TOO)

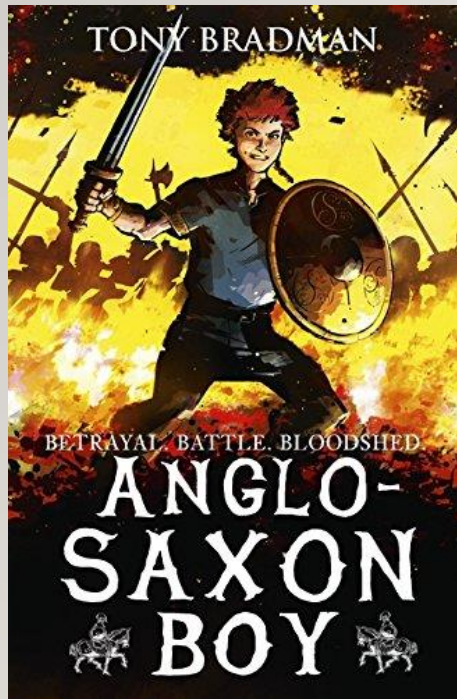
- **Appealing adjectives**
- Imperative verbs
- Rhetorical questions
- Superlatives (most, -est)
- **Accurate punctuation**
- AFOREST
- **Keep in mind a good order for ideas**
- Use your ideas from Monday's mind-map.
- Y5's – keep trying to 'signpost' the reader between paragraphs
- Use AFOREST throughout – but don't overuse these tricks – a little 'seasoning' is best

(alliteration / facts / opinions / repetition / rhetorical Q's / emotive language / statistics and the power of 3)



READING COMPREHENSION

LO: N/A



Read chapter 15, from page 161 – 168. Stop at ‘Harald Hardrada’.

HANDWRITING

LO: FORM LETTERS CONSISTENTLY (SIZE / SHAPE / DIRECTION)

- Complete 2 rows of each:

circle eight continue

recent mention

SCIENCE

LO: UNDERSTAND THE DANGERS OF SMOKING ON THE BODY

There are 2 activities to choose from.

1) Read the following information text and then answer the questions.

2) If you find this information difficult to read and you cannot enlarge the screen, read through the final slides and create an information page about the dangers of smoking.

Consider how you organise your ideas and set them out on your page. You may add illustrations if they support the writing and any other organisational features which would support your work.

Millions of people in the United Kingdom are smokers. However, cigarettes are dangerous to health and are also very expensive. This is why lots of people often try to give up smoking.

How Much Does Smoking Cost?

A person that smokes 20 cigarettes each day will spend nearly £50 every week on cigarettes. This adds up to £2000 a year.

How else could this money be spent?

Holidays, treats, days out or other exciting ways! Smoking also costs the country a lot of money in medical care to treat the people that become ill from smoking.

How Is Smoking Dangerous for Health?

The chemicals in cigarettes can cause all types of health problems. It can cause coughs, breathing problems and much more serious illnesses, such as cancer.

How Does Nicotine Affect the Body?

Nicotine is addictive. This is why people find it hard to stop smoking. Nicotine affects the brain. When smoking, brain cells send messages to other areas of the body to make a person more relaxed. When this relaxed feeling wears off, smokers feel like they need another cigarette.



Did You Know?

These are just some of the chemicals in cigarettes:

- nicotine
- tar
- carbon monoxide
- formaldehyde (used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (used in rat poison)
- ammonia (used for cleaning windows and toilet bowls)
- polonium (a radioactive element)

How Else Can the Body Be Affected?

The tar in cigarettes can stain teeth and fingers yellow.

The heart has to work harder to pump more oxygen round the body because of dangerous carbon monoxide.

How Can Someone Stop Smoking?

It is difficult to stop smoking but there are lots of places to get help.

The NHS offers lots of help and support.

People sometimes use nicotine patches so that they can slowly get used to there being less nicotine in their system.

Within 1 – 9 months of stopping smoking, the lungs start to get better.

Statistics

- 1 in 5 adults in the UK are smokers.
- 20% of men smoke compared to 17% of women.
- There are around 9.6 million adult smokers in the UK.
- Smoking rates have halved since 1974.



Questions

1. How many adult smokers are there in the UK?

2. More women smoke than men in the UK. Is this true or false? Explain how you know.

3. How much does smoking cost an individual smoker?

4. In what ways could people spend this amount of money differently? Can you think of any other ways this money could be better spent?

5. Why do you think less people smoke now than in 1974?

6. How can people stop smoking?

7. Name two dangerous chemicals found in cigarettes. Explain why they are so dangerous.

Smoking – The Facts

Smoking is very unhealthy. Cigarettes contain something called nicotine, which is extremely addictive, and that is why people find it very hard to stop once they have started.

Smoking is expensive. Cigarettes cost a lot of money!
The average smoker spends an astonishing amount per year on cigarettes.

Lots of young people start smoking due to peer pressure and because they think it looks cool in front of other people. It doesn't!

It is against the law to buy cigarettes if you are under the age of 18. It is also illegal for adults to smoke in a car when children are inside.



Why Is Smoking Dangerous?

Can you think of any reasons why smoking is a dangerous habit?

Cigarette smoke contains lots of harmful chemicals. They react in the opposite way as medicine does in our bodies.

Over time, these poisons can cause damage to the body and cause illnesses.

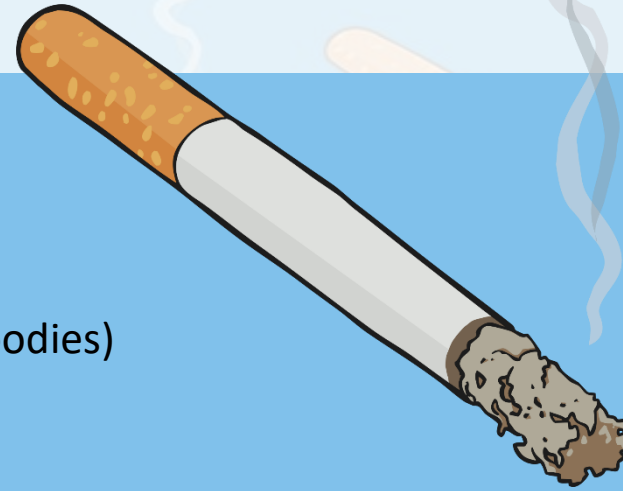


What Is In a Cigarette?

There are 4000 chemicals in a cigarette including 43 substances that scientists have linked to causing cancer.

These include:

- nicotine
- tar
- carbon monoxide
- formaldehyde (usually used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (usually used in rat poison)
- ammonia (usually used for cleaning windows and toilet bowls)
- DDT (a banned insecticide)
- polonium (a radioactive element)



How Does Smoking Affect the Brain?

When someone smokes, the nicotine in the smoke goes to the brain. The cells in our brains then send messages to the rest of our body.

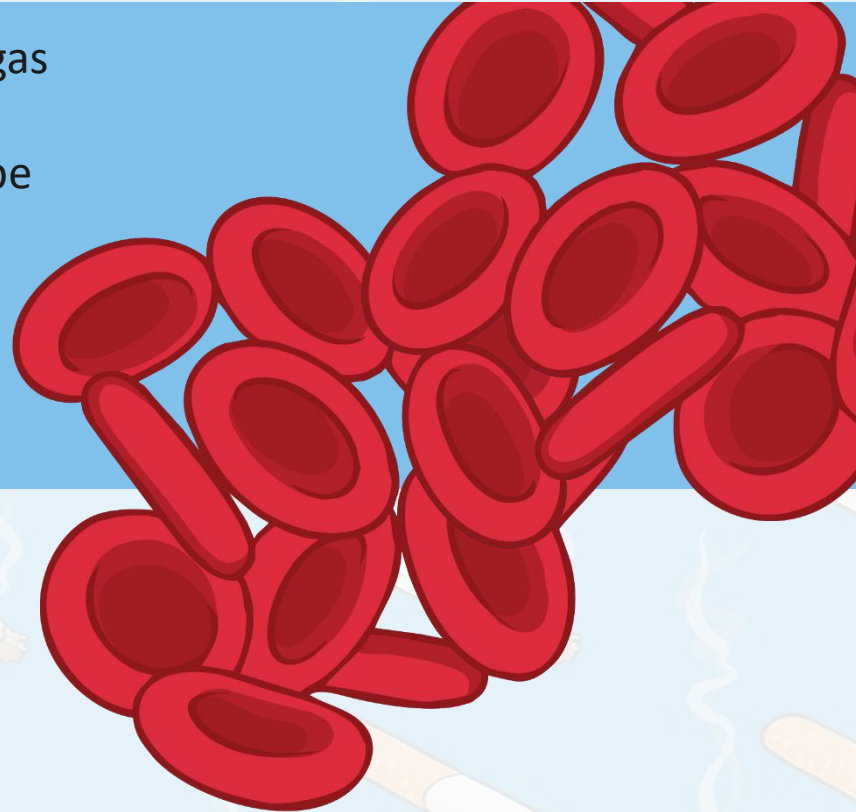
These messages can make a person feel more relaxed. However, when this feeling wears off, the person feels like they need to smoke again. This is called a **craving** and makes smoking addictive.



How Does Smoking Affect the Heart and Lungs?

Nicotine from smoke reaches the brain and triggers something called **adrenaline**. Adrenaline makes the heart beat faster.

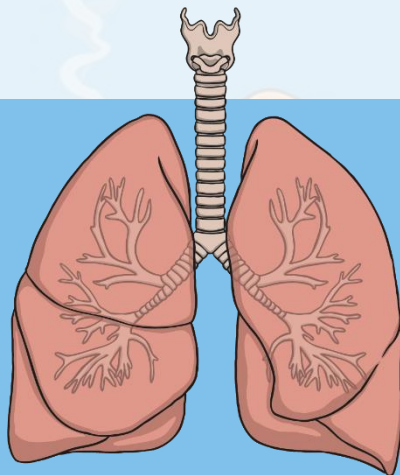
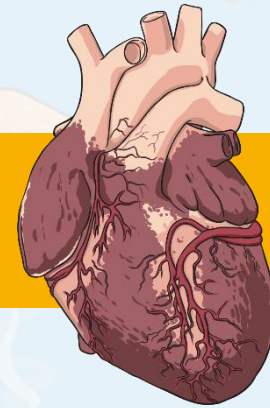
Smoking also releases a poisonous gas called **carbon monoxide** into the bloodstream. This causes there to be less oxygen than normal flowing through the blood.



How Does Smoking Affect the Heart and Lungs?

As there is less oxygen in the blood, the heart starts to beat faster to create more oxygen to pump round the body.

This means that the heart is working harder than it normally does (sometimes up to 30% harder).



The longer a person smokes, the more fatty deposits build up in their blood vessels. This can cause problems like heart attacks.

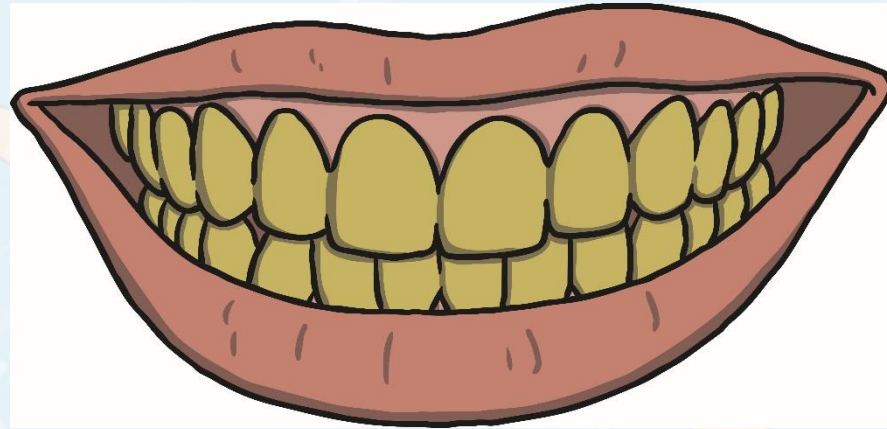
Are There Any Other Effects of Smoking?

Cigarettes also contain a substance called **tar**.

Tar is a sticky substance that can leave the ends of a person's fingers, nails and teeth stained yellow.

The poisons and smoke in cigarettes also cause problems for the lungs.

These problems can be as simple as a chesty cough or as serious as cancer.



What Is Passive Smoking?

Breathing in smoke from another person's cigarette can also be damaging. This is called **passive smoking**.

Passive smoking can even affect pets in a house!

Passive smoking can cause the same sorts of illnesses as actual smoking, especially if you are exposed to cigarette smoke a lot.

In some cases, childhood asthma has been linked to breathing in someone else's cigarette smoke.

