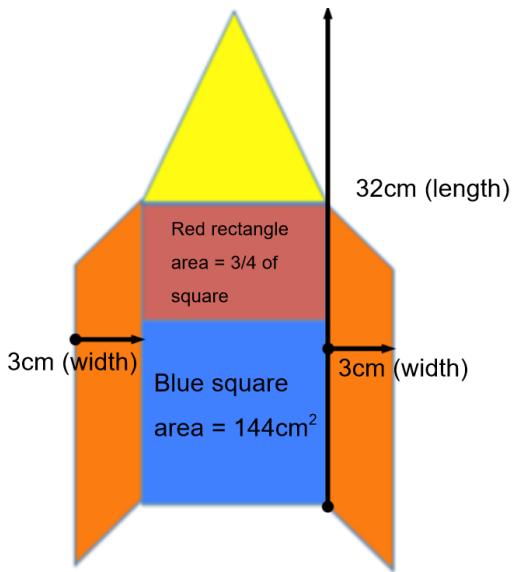


Maths

Challenge 1 – Agnog invasion (Area and perimeter)

Captain Mark Smith has spotted the ship and from his radar screen he can tell the following information:



What is the area (distance inside the shape) of each shape on the radar screen?
 What is the total perimeter (distance around the shape) of the red and blue base?

Challenge 2 – Population facts

Looking at data using large numbers can be fascinating.

- Write the population for these countries in words.

1		China	1,438,414,457
2		India	1,377,768,725
3		U.S.A.	330,684,335
4		Indonesia	273,046,594
5		Pakistan	220,177,393
- What is the difference between the populations in each continent (excluding Antarctica)?

#	Region	Population (2020)
1	Asia	4,641,054,775
2	Africa	1,340,598,147
3	Europe	747,636,026
4	Latin America and the Caribbean	653,962,331
5	Northern America	368,869,647
6	Oceania	42,677,813

- Use - <https://www.worldometers.info/world-population/> Which countries' population round to 9 million when rounded to the nearest million?
- How does today's population compare with the year you were born? Your parents were born? Your grandparents were born?

Challenge – choose the data that interests you most and create a line graph to show this data. You could do this on paper or on the computer

Challenge 3 – Bank Statement

Look at the bank statement resource on the next sheet. Fill in the gaps then answer these questions using the information from the bank statement:

- 1) What was the opening balance and the balance carried forward? What was the difference between these 2 amounts?
- 2) In total, how much was taken out in cash withdrawals?
- 3) My boiler stops working and I need to buy a new one urgently. This means going into my overdraft, how much do I become overdrawn to buy a £1000 boiler?
- 4) I am paid £10 an hour at work, how many hours must I have worked to earn this salary?

Writing



Relative Clauses

<https://www.bbc.co.uk/bitesize/articles/z6g98xs>

In this session, you will develop your understanding of relative clauses through engaging videos and worksheets as well as writing some of your own using suggested topics, or you may want to choose your own!

Spelling

Word of the week: **dubiously**

- Find the definition
- Use the word in a sentence
- List any synonyms (words that have the same meaning)
- List any antonyms (words that mean the opposite)
- Use the word in a different context
- Use an image to represent the word - be creative!

Reading

Listen to the song: Anywhere by Rita Ora (<https://youtu.be/rkVZtZuMd8Y>)

You may also find it useful to view the lyrics on the following page or here: <https://www.azlyrics.com/lyrics/ritaora/anywhere.html>

Answer the following questions:

- 1) Find and copy a group of two words that mean 'happens quickly'.
- 2) What is a synonym for 'vacation'?
- 3) Find and copy a group of words from the song that describe how the singer wants to be somewhere where she is unknown.
- 4) How might 'looking for a connection in a crowd' make you feel? Use evidence to support your answer.
- 5) 'The singer wants to run away' - Find evidence to support this statement.

Flashback

Do you remember making Viking oat cakes? Using the ingredients below, write a recipe for this Viking dish. If you can't remember how to make them, you may use a method online (<https://www.bbcgoodfood.com/user/831133/recipe/scottish-oat-cakes>) but write in your own words. The ingredients are: 225g oats, 60g wholemeal flour, 1/2tsp bicarbonate soda, 60g butter, 1 tsp salt, 1/2 tsp sugar and 60-80ml hot water.

After you've written the recipe, with adult support, if you were able to, you could always try following it and baking the oat cakes together.



Weekly Learning Project



Do you remember Henderson Island? The island that has an estimated 18 tonnes of plastic that has been discarded along a 2.5km stretch of sandy beach. Create a poster to inform others of the damage we are causing, what should be a beautiful place, by not disposing of rubbish correctly and the overuse of plastic.

Make a playlist of your favourite feel-good music. Keep adding to the playlist every day as you think of more music that makes you feel happy. Every day, spend some time dancing to music from your playlist

BANK STATEMENT

Account holder Peter Smith
 Branch Sort Code 60-00-00
 Account Number 30000000

Date	Details	Withdrawn	Paid in	Balance
23 Jul	Brought forward			120.20
30 Jul	automated credit	Salary	1,500.00	1,620.20
3 Aug	cash withdrawal	Bank A	50.00	1,570.20
6 Aug	direct debit	Gas and Power Co	130.00	1,440.20
	card transaction	The Toy Shop	40.00	1,400.20
8 Aug	cash withdrawal	Bank B	40.00	1,360.20
	card transaction	Supermarket	56.78	1,303.42
10 Aug	card transaction	Petrol	33.00	1,270.42
12 Aug	standing order	Children's Charity	5.00	1,265.42
15 Aug	card transaction	Bookshop	25.00	1,240.42
17 Aug	cash withdrawal	Bank C	150.00	1,090.42
	direct debit	Car Insurance	55.00	1,035.42
	direct debit	Mortgage	500.00	535.42
	Carried forward			535.42

Anywhere – Rita Ora		
Time flies by when the night is young Daylight shines on an undisclosed location, location Bloodshot eyes looking for the sun Paradise delivered and we call it a vacation, vacation You're painting me a dream that I Wanna belong in, wanna belong in Over the hills and far away A million miles from L.A. Just anywhere away with you I know we've got to get away Someplace where no one knows our name We'll find the start to something new Just take me anywhere, take me anywhere Anywhere away with you Just take me anywhere, take me anywhere Anywhere away with you Fun, little less fun Little less, over, over, over, over, me Oh, fun, little less fun Little less, over, over, over, over, me	Just anywhere away with you I know we've got to get away Someplace where no one knows our name We'll find the start to something new Just take me anywhere, take me anywhere Anywhere away with you Just take me anywhere, take me anywhere Anywhere away with you Fun, little less fun Little less, over, over, over, over, me Truth comes out when we're blacking out Looking for connection in a crowd of empty faces, empty faces Your secrets are the only thing I'm craving now The good, and the bad, let me in 'Cause I can take it, I can take it You're painting me a dream that I Wanna belong in, wanna belong in	Over the hills and far away A million miles from L.A. Just anywhere away with you I know we've got to get away Someplace where no one knows our name We'll find the start to something new Just take me anywhere, take me anywhere Anywhere away with you Just take me anywhere, take me anywhere Anywhere away with you Fun, little less fun Little less, over, over, over, over, me Oh, fun, little less fun Little less, over, over, over, over, me Take me anywhere Oh, anywhere Anywhere away with you Take me anywhere Over the hills and far away A million miles from L.A.