At the end of this week it will be half term – so let's start looking forward to when we can have a holiday again.

Many of this week's activities are set around imaginary visits to different places – the UK and abroad and even space.

Hopefully we will be free to visit them soon.



Monday 8th February 2021

Maths weekly overview

6 08/02/2021	Monday	Order fractions greater than 1	F-2
	Tuesday	Add and subtract fractions	
	Wednesday	Add fractions within 1 activity	
	Thursday	Add fractions within 1	
	Friday	Add 3 or more fractions	

Compare & Order (Less than 1)

Notes and Guidance

Children build on their equivalent fraction knowledge to compare and order fractions less than 1 where the denominators are multiples of the same number.

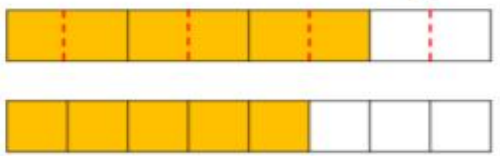
Children compare the fractions by finding a common denominator or a common numerator. They use bar models to support their understanding.

Mathematical Talk

How does a bar model help us to visualise the fractions?
Should both of our bars be the same size? Why? What does this show us?
If the numerators are the same, how can we compare our fractions?
If the denominators are the same, how can we compare our fractions?
Do we always have to find a common denominator? Can we find a common numerator?

Varied Fluency

Use bar models to compare $\frac{5}{8}$ and $\frac{3}{4}$



$\square > \square$

$\square < \square$

Use this method to help you compare:

$\frac{5}{6}$ and $\frac{2}{3}$ $\quad$ $\frac{2}{3}$ and $\frac{5}{9}$ $\quad$ $\frac{7}{16}$ and $\frac{3}{8}$

Use common numerators to help you compare $\frac{2}{5}$ and $\frac{2}{3}$



$\square > \square$

$\square < \square$

Use this method to help you compare:

$\frac{6}{7}$ and $\frac{6}{8}$ $\quad$ $\frac{4}{9}$ and $\frac{4}{5}$ $\quad$ $\frac{4}{11}$ and $\frac{2}{5}$

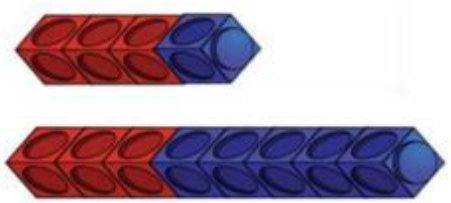
Order the fractions from greatest to smallest:

$\frac{3}{7}, \frac{3}{5}$ and $\frac{3}{8}$ $\quad$ $\frac{2}{3}, \frac{5}{6}$ and $\frac{7}{12}$ $\quad$ $\frac{6}{11}, \frac{3}{5}$ and $\frac{2}{3}$

Compare & Order (Less than 1)

Reasoning and Problem Solving

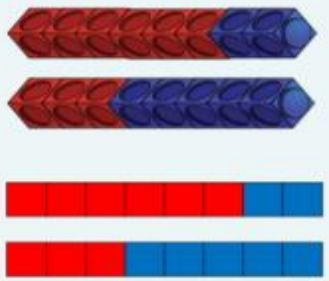
Ron makes $\frac{3}{4}$ and $\frac{3}{8}$ out of cubes.



He thinks that $\frac{3}{8}$ is equal to $\frac{3}{4}$

Do you agree?
Explain your answer.

Possible answer:
I disagree with Ron because the two wholes are not equal. He could have compared using numerators or converted $\frac{3}{4}$ to $\frac{6}{8}$
If he does this he will see that $\frac{3}{4}$ is greater. Children may use bar models or cubes to show this.



Always, sometimes, never?

If one denominator is a multiple of the other you can simplify the fraction with the larger denominator to make the denominators the same.

Example:

Could $\frac{?}{4}$ and $\frac{?}{12}$ be simplified to $\frac{?}{4}$ and $\frac{?}{4}$?

Prove it.

Sometimes

It does not work for some fractions e.g. $\frac{8}{15}$ and $\frac{3}{5}$

But does work for others e.g. $\frac{1}{4}$ and $\frac{9}{12}$

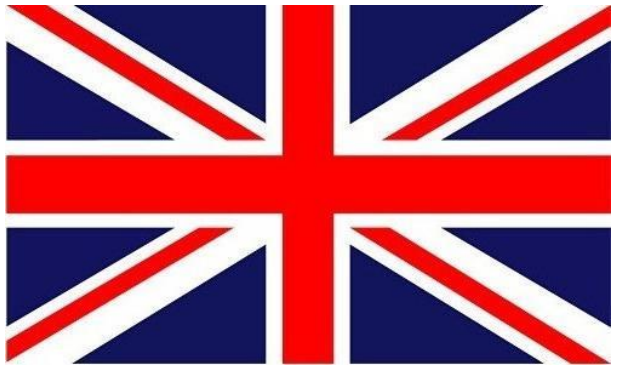
English

LO use skimming and scanning to find information

The English this week will merge with elements of History, Geography and Art

Please complete any Art and Geography and History work shown last week if you have not already done so.







How many of countries can you name from these flags?
1 point per country (play against someone)











Comprehension questions

Which of these countries have we spent time studying this year? (Think of the History, Geography and English units)

Which of the countries shown have we not come up in our studies so far?

Which of these countries did not exist or have the flag shown when we studied it?

Why do three of the countries have the same flag on them?

Which of the countries were ruled or partly ruled the England/Great/Britain/United Kingdom at some point in history?

For the answers open the Flags answers file

Find and load the Country Factfile worksheet. Either print it 3-5 times, copy it and write it as you go or open it on your screen.

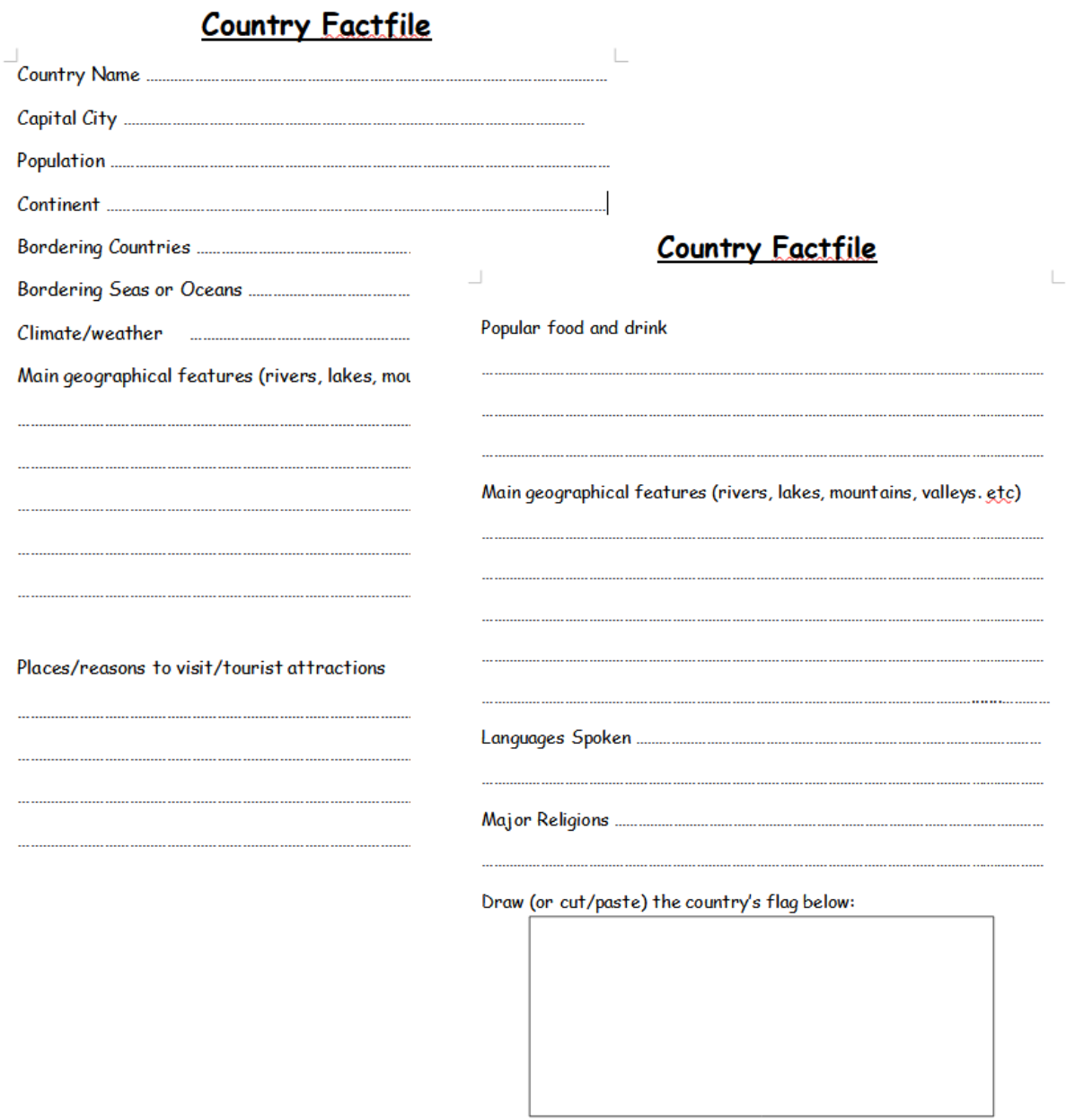
Task – Using the websites suggested below (or your own choices) plus your knowledge from your learning, create mini factfiles about countries.

The countries you should include are Australia and South Africa but could include any former colony/country of the British Empire.

The United Kingdom would be good too.

https://www.roughguides.com/destinations/

https://www.kids-world-travel-guide.com/



Country Factfile

Country Name .....

Capital City .....

Population .....

Continent .....

Bordering Countries .....

Bordering Seas or Oceans .....

Climate/weather .....

Main geographical features (rivers, lakes, mou

Places/reasons to visit/tourist attractions

Country Factfile

Popular food and drink

Main geographical features (rivers, lakes, mountains, valleys. etc)

Languages Spoken .....

Major Religions .....

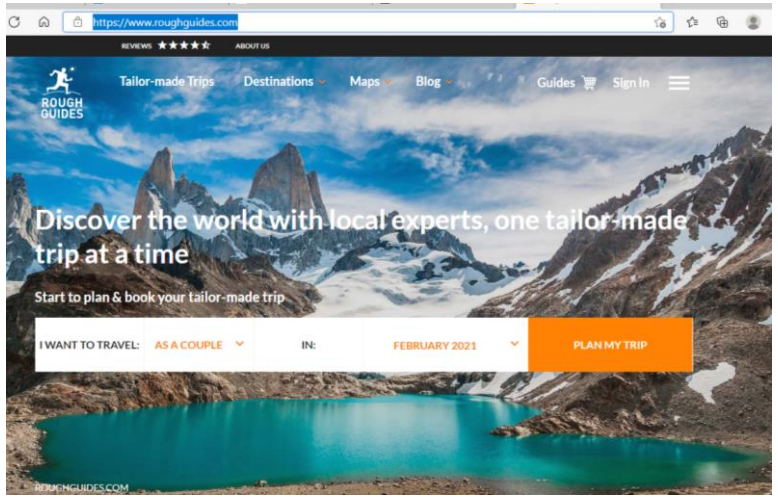
Draw (or cut/paste) the country's flag below:

Alternative – easier worksheet/plan

Use if you are struggling.

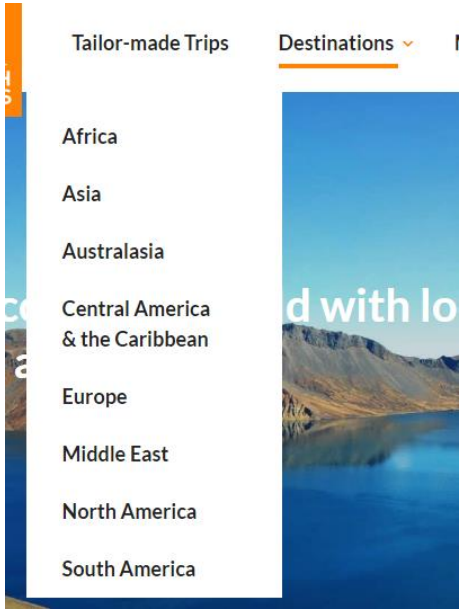
Where is this place? (What town or city is it near? What country is it in? What continent is it on?)	
What is the population of the place? (How many people live there?)	
What language is spoken in this place?	
What is the place famous for? (Tourist attractions, monuments, events…)	
What is the food like in this place? (Does the place have a traditional food or cuisine?)	
Who has come from this place? (Are there any famous people from this place?)	

Challenge: Have you found out anything else that is exciting or useful?

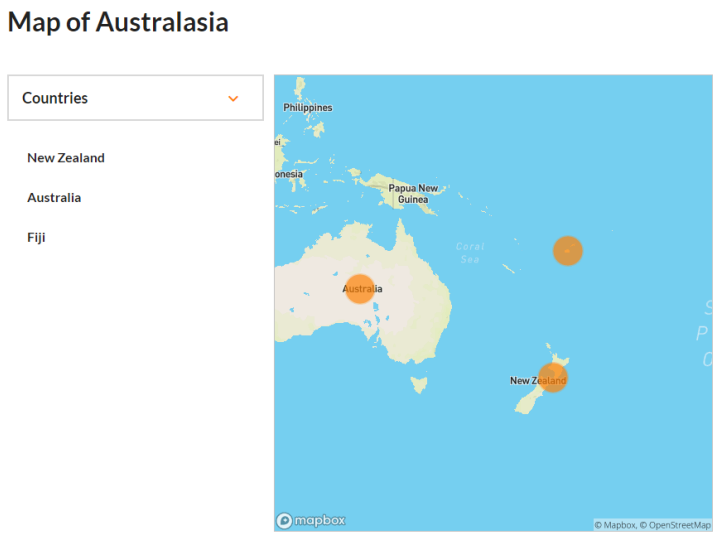


Rough Guides - front page

Click on destinations



For Australia or New Zealand click on Australasia then scroll down.



Skim and scan for information to complete your factfile

Example page from Rough Guides



Australian Road trips

1. Coastal views on the Great Ocean Road
Staggering ocean views and easy access from Melbourne make this one of Australia's best-loved road trips. Pack an overnight bag and follow the dramatic coastline, stopping to view a series of coastal rock formations, holding their ground in the surf.

The magnificent Twelve Apostles – eight giant sea stacks – appear otherworldly at sunset, guarding the limestone cliffs. Among the other rocky highlights include London Bridge arch, the Bay of Islands and Loch Ard Gorge.

At Bells Beach, grab a wetsuit and try surfing – a popular sport in this country.

If you're not a surfer you can hike in Great Otway National Park, say hello to the koalas at Kennett River or kayak out into Apollo Bay to observe a seal colony. Otherwise, take it easy at a beach restaurant in the seaside town of Lorne.

Best for: Weekenders seeking surf and sea stacks.
How long: 2 days.
Need to know: Starts at Torquay, a 1.5-hour drive from Melbourne, and ends at Warrnambool.
https://www.roughguides.com/article/road-trip-australia/



RE

LO: To create my own parable with a clear message

Task

Think of all the Parables we have been looking at over the last few weeks and using your creativity, write your own parable for people to follow that has a clear message for how people should act.

Year 5
Spring
Lesson 6

History Assessment



Download and complete the assessment tasks.

Tuesday 9th February 2021

Compare & Order (More than 1)

Notes and Guidance

Children use their knowledge of ordering fractions less than 1 to help them compare and order fractions greater than 1

They use their knowledge of common denominators to help them.

Children will compare both improper fractions and mixed numbers during this step.

Mathematical Talk

How can we represent the fractions?

How does the bar help us see which fraction is the greatest?

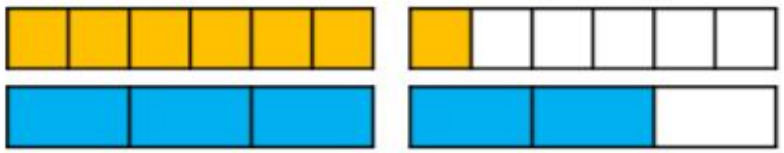
Can we use our knowledge of multiples to help us?

Can you predict which fractions will be greatest? Explain how you know.

Is it more efficient to compare using numerators or denominators?

Varied Fluency

Use bar models to compare $\frac{7}{6}$ and $\frac{5}{3}$



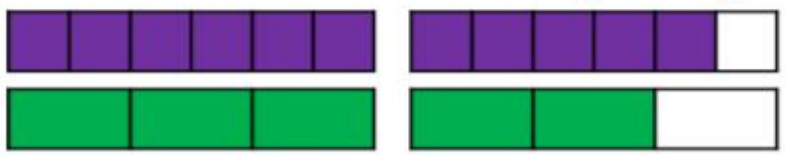
$\square > \square$

$\square < \square$

Use this method to help you compare:

$\frac{5}{2}$ and $\frac{9}{4}$ $\quad \frac{11}{6}$ and $\frac{5}{3}$ $\quad \frac{9}{4}$ and $\frac{17}{8}$

Use a bar model to compare $1\frac{2}{3}$ and $1\frac{5}{6}$



$\square > \square$

$\square < \square$

Use this method to help you compare:

$1\frac{3}{4}$ and $1\frac{3}{8}$ $\quad 1\frac{5}{8}$ and $1\frac{1}{2}$ $\quad 2\frac{3}{7}$ and $2\frac{9}{14}$

Order the fractions from greatest to smallest using common denominators:

$\frac{8}{5}$, $\frac{11}{10}$ and $\frac{17}{20}$

$\frac{?}{20}$, $\frac{?}{20}$ and $\frac{?}{20}$

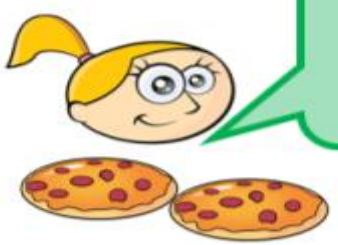
$1\frac{2}{3}$, $1\frac{7}{24}$ and $\frac{11}{12}$

Compare & Order (More than 1)

Reasoning and Problem Solving

Eva and Alex each have two identical pizzas.

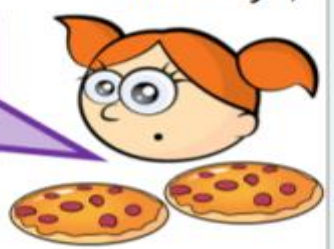
Eva says,



I have cut each pizza into 6 equal pieces and eaten 8

Alex says,

I have cut each pizza into 9 equal pieces and eaten 15



Who ate the most pizza?

Use a drawing to support your answer.

Alex ate the most pizza because $\frac{15}{9}$ is greater than $\frac{8}{6}$

Dora looks at the fractions $1\frac{7}{12}$ and $1\frac{3}{4}$

She says,



$1\frac{7}{12}$ is greater than $1\frac{3}{4}$ because the numerator is larger

Do you agree?

Explain why using a model.

Possible answer:
I do not agree because $1\frac{3}{4}$ is equivalent to $1\frac{9}{12}$ and this is greater than $1\frac{7}{12}$

English

LO: to understand the techniques used in persuasive writing.
to identify the purpose and audience for the writing.

The ultimate guide to the power of Advertising Techniques used in Holiday Brochures.

Find and load the PowerPoint named - Persuasive writing teaching. Read and follow this.

Task

Tomorrow/next lesson you are going to write a persuasive brochure for one of the countries that you created a factfile for.

Today, look at the 4 examples labelled: persuasive...guide/brochure. For 2 or more of these, highlight the features as shown on this slide from the PowerPoint

Crete

Superlatives

Appealing to both young and old
Something for everyone

One of the Greek Island's most famous villa holiday destinations, Crete essentially caters for every taste. Yet while its better-known resorts are equipped for tourism and busy nightlife, vast areas remain beautifully untouched. Among the many reasons to holiday in Crete are its lively cities, shopping havens, historical sites, endless beaches and natural curiosities. Our villas are set near quiet coves, secluded beaches and invigorating mountain villages steeped in traditional Greek life, culture, charm and pure romance.

Exciting

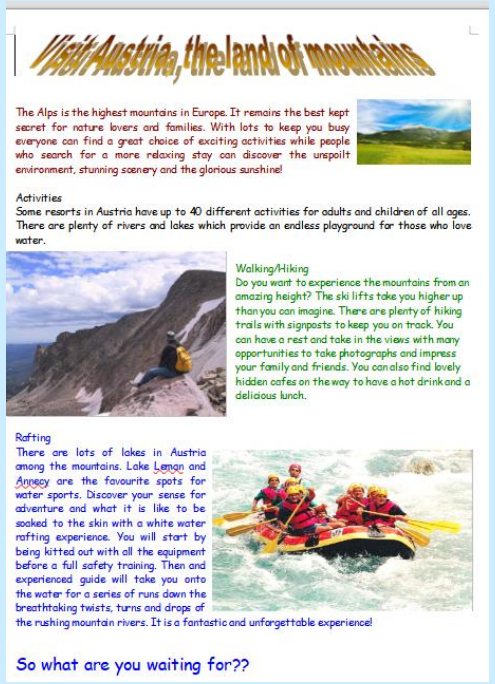
Emotive Language

Beautiful Picture to show and persuade you.



How many of these can you find in the brochures(files). Highlight them.

Headings
Sub-headings
Paragraphs
Bullet Points
Bold Type
Exclamation Marks
Photographs



Visit Austria, the land of mountains

The Alps is the highest mountains in Europe. It remains the best kept secret for nature lovers and families. With lots to keep you busy everyone can find a great choice of exciting activities while people who search for a more relaxing stay can discover the unspoilt environment, stunning scenery and the glorious sunshine!

Activities

Some resorts in Austria have up to 40 different activities for adults and children of all ages. There are plenty of rivers and lakes which provide an endless playground for those who love water.

Walking/Hiking

Do you want to experience the mountains from an amazing height? The ski lifts take you higher up than you can imagine. There are plenty of hiking trails with signposts to keep you on track. You can have a rest and take in the views with many opportunities to take photographs and impress your family and friends. You can also find lovely hidden cafes on the way to have a hot drink and a delicious lunch.

Rafting

There are lots of lakes in Austria among the mountains. Lake Lemon and Annecy are the favourite spots for water sports. Discover your sense for adventure and what it is like to be soaked to the skin with a white water rafting experience. You will start by being kitted out with all the equipment before a full safety training. Then and experienced guide will take you onto the water for a series of runs down the breathtaking twists, turns and drops of the rushing mountain rivers. It is a fantastic and unforgettable experience!

So what are you waiting for??

RE

LO: To rehearse and become more familiar with the words of the Magnificat.

My soul doth magnify the **Lord**. And my spirit hath rejoiced in God my Saviour. For he hath regarded: the lowliness of his handmaiden: For behold, from henceforth: all generations shall call me blessed. For he that is mighty hath magnified me: and holy is his Name.

For he that is mighty hath magnified me: and holy is his Name.And his mercy is on them that fear him: throughout all generations.He hath shewed strength with his arm: he hath scattered the proud in the imagination of their hearts.



PSHE YEAR 5 Week 6

Social media



Find and load the PowerPoint labelled: PSHE Every_Mind_Matters_Social_media adp

Better Health every mind matters

Open this link and watch the assembly: Virtual assembly for 7-11s | Safer Internet Centre

Then find and load the PowerPoint labelled: PSHE Every_Mind_Matters_Social_media adp

Wednesday 10th February 2021

8th February International Women's Day
11 February International Women and Girls in Science Day

Please use the links below to find out more

https://www.womeninscienceday.org/

https://www.ogdentrust.com/resources/phizzi-focus-international-womens-day

Add & Subtract Fractions

Notes and Guidance

Children recap their Year 4 understanding of adding and subtracting fractions with the same denominator.

They use bar models to support understanding of adding and subtracting fractions.

Mathematical Talk

How many equal parts do I need to split my bar into?

Can you convert the improper fraction into a mixed number?

How can a bar model help you balance both sides of the equals sign?

Varied Fluency

Here is a bar model to calculate $\frac{3}{5} + \frac{4}{5}$

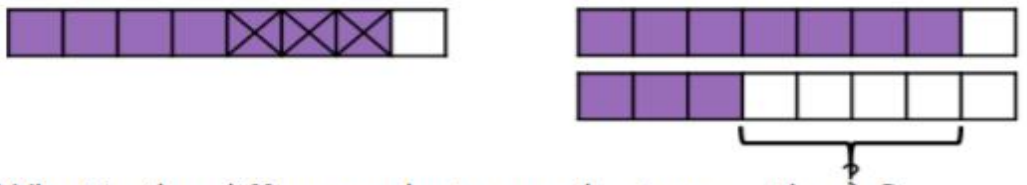


$\frac{3}{5} + \frac{4}{5} = \frac{7}{5} = 1\frac{2}{5}$

Use a bar model to solve the calculations:

$\frac{3}{8} + \frac{3}{8}$ $\frac{5}{6} + \frac{1}{6}$ $\frac{5}{3} + \frac{5}{3}$

Here are two bar models to calculate $\frac{7}{8} - \frac{3}{8}$



What is the difference between the two methods?

Use your preferred method to calculate:

$\frac{5}{8} - \frac{1}{8}$ $\frac{9}{7} - \frac{4}{7}$ $\frac{5}{3} - \frac{5}{3}$ $1 - \frac{2}{5}$

Calculate:

$\frac{3}{7} + \frac{5}{7} = \frac{\square}{\square} + \frac{4}{7}$ $\frac{9}{5} - \frac{5}{5} = \frac{6}{5} - \frac{\square}{\square}$ $\frac{2}{3} + \frac{\square}{\square} = \frac{11}{3} - \frac{4}{3}$

Add & Subtract Fractions

Reasoning and Problem Solving

How many different ways can you balance the equation?

$$\frac{5}{9} + \frac{\square}{9} = \frac{8}{9} + \frac{\square}{9}$$

Possible answers:

$$\frac{5}{9} + \frac{3}{9} = \frac{8}{9} + \frac{0}{9}$$

$$\frac{5}{9} + \frac{4}{9} = \frac{8}{9} + \frac{1}{9}$$

$$\frac{5}{9} + \frac{5}{9} = \frac{8}{9} + \frac{2}{9}$$

Any combination of fractions where the numerators add up to the same total on each side of the equals sign.

A chocolate bar has 12 equal pieces.

Amir eats $\frac{5}{12}$ more of the bar than Whitney.

There is one twelfth of the bar remaining.

What fraction of the bar does Amir eat?

What fraction of the bar does Whitney eat?

Amir eats $\frac{8}{12}$ of the chocolate bar and Whitney eats $\frac{3}{12}$ of the chocolate bar.

English

LO I can use my knowledge of a famous person to write a biography

Today to celebrate this week's International Women's Day and International Women and Girls in Science Days we are going to look at an important, well known scientist.

Her name is Maggie Aderin-Pocock.

Never heard of her? You may have seen her on TV.



Please follow the link to a video about Maggie Aderin-Pocock

https://www.youtube.com/watch?v=Lo5hVIhSL4o

Below are links to videos that she is in. By all means look at her work.

https://www.youtube.com/watch?v=CNLE9s0sFYo
Beautiful equations

https://www.youtube.com/watch?v=IbdRGKfPhfY
Careers advice

https://www.youtube.com/watch?v=VHNvPb2gbgM
Do we really need the moon?

Task 1
Make notes about Maggie Aderin-Pocock.
Task 2 To present a biography of Maggie Aderin-Pocock. This may be written, in poster form, Powerpoint or as an audio or video presentation.

Find and load the Biography Planning Page.

Either print this and fill it in or use the titles and questions to help take notes.

Biography Planning Page Name: _____

Title - _____

Intro – 5 W's 1. Who is the person? - _____

2. What are they famous for? _____

3. When did it happen? _____

4. Where did it happen?_____

5. Why are they famous today? _____

Key Events that happened

1. 2.

3. 4.

5. 6.

Time openers I'd like to use

1. 2. 3.

4. 5. 6.



Maggie Aderin-Pocock
Timeline

1968
Maggie born in London.

1979 -1986
La Sainte Union Catholic Girls' School, London

1987-1990
Studied for degree in Physics at Imperial College, London.

1990-1994
Studied for Doctor's degree, Imperial College, London.

1996-1999
Works as an engineer at Defence Evaluation and Research Agency.

1999-2004
Works as an engineer at the Mullard Space Science Laboratory.

2004
Sets up a business teach people about space.

2004
Engineer at Surrey Satellites Technology Ltd.

2009
Works as a TV science presenter. 2014 hosts astronomy programme the Sky at Night.

2009
Gets MBE for services to science and education.

1960 1980 1990 2000 2010

Late 1950's
Parents moved from Nigeria to London.

THE ROYAL SOCIETY

Dr Maggie Aderin-Pocock

Dr Maggie Aderin-Pocock is a space scientist, science communicator and presenter of the BBC's The Sky at Night. She completed a PhD in the Department of Mechanical Engineering in 1994, after an undergraduate degree in Physics also at Imperial. She is Managing Director of Science Innovation Ltd, through which she organises public engagement activities which show school children and adults the wonders of space.

"Imperial seemed like a magical place to me. When I was child, I used to go to the Science Museum with my sister. Walking past Imperial, I used to think, "That's where the clever people and scientists go!" So to get admitted for my undergraduate degree was a dream come true in itself. The people I met were so inspiring. Tom Kibble used to take my first-year laboratory. He was so down to earth. To find out later that he had co-discovered the Higgs boson was crazy because he just seemed so human! The lecturers made everything seem so accessible.

When I was graduating, I thought careers were very linear. You went into a job, stayed 30 years and got your carriage clock at the end. But my path has taken me in many different directions and I have found that the tools I've picked up along the way are incredibly useful. Now I don't think any direction is particularly wrong as long as you keep your end goal in mind."

Other reading

Maggie Aderin-Pocock's life can be read about in the following links:

https://www.gov.uk/government/people/maggie-aderin-pocock

Challenging

https://en.wikipedia.org/wiki/Maggie_Aderin-Pocock

On the next slide I have downloaded a link to some more resources.

Please follow the instructions carefully.

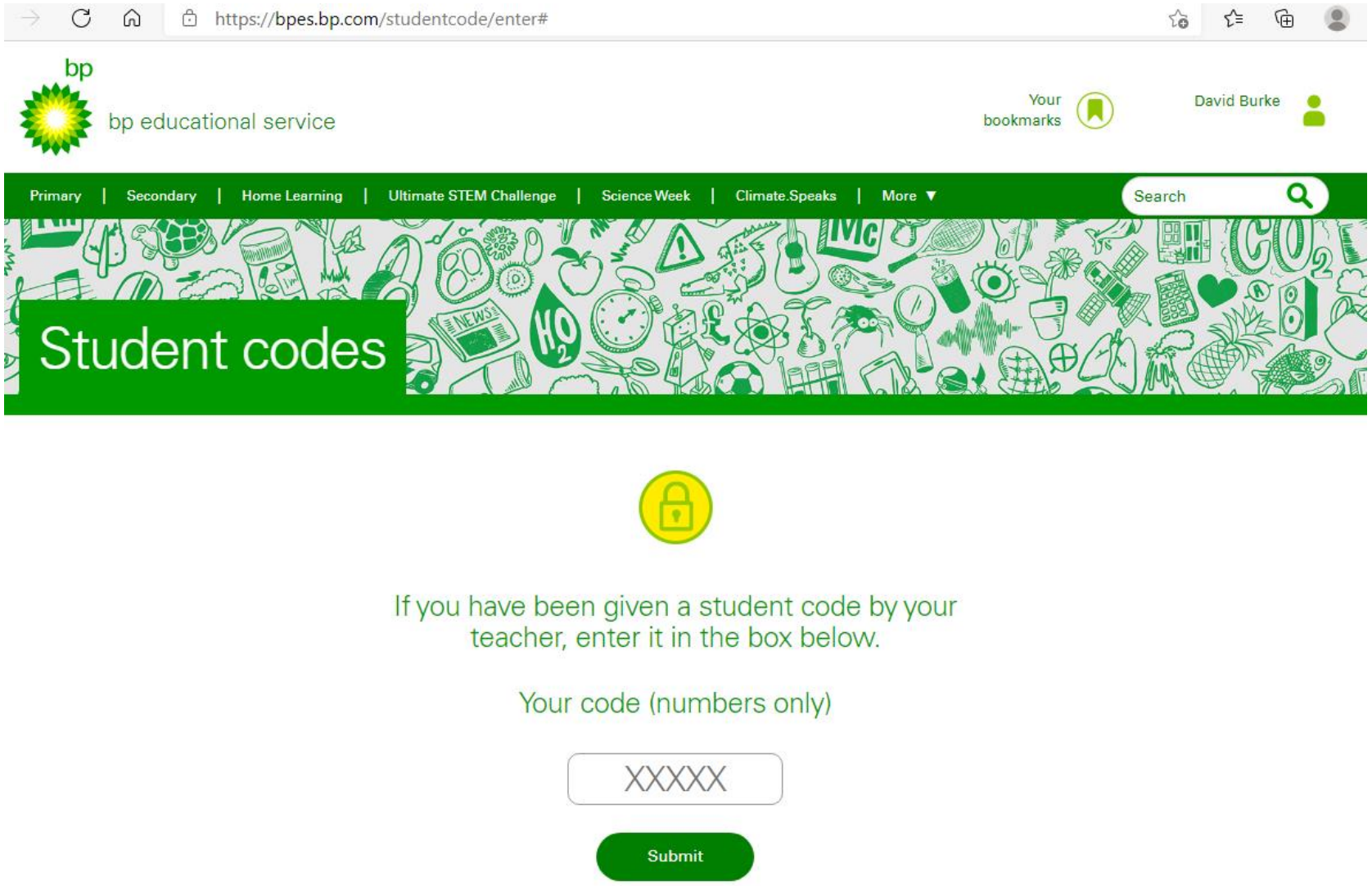
Click or copy this link

https://bpes.bp.com/studentcode/enter#

The code you must type in is:

80851

Some but not all of the resources may be posted on the year 5 planning page



Science

LO to plan a space voyage
To understand the forces acting on objects

ACTIVITY

Exploring the solar system

Your task is to plan a space mission to explore the solar system. You need to present your plan to a panel of judges, who will decide if your space mission is good enough!



Think about:

- Where will you visit?
- How will you get there?
- What will you investigate?
- What will the conditions be like and how will you stay safe?
- How will you tell people about your discoveries?

Make a presentation of your ideas for the mission.

Extension This activity has come from the same source but is considered to be for 11+ but many of you know some of the answers. The part about satellites is definitely an extension.

ACTIVITY

Gravity, rockets and putting satellites in orbit

Your task

You need to teach trainee astronauts about their first flight into space. Describe the forces on a rocket as it takes off from the Earth and climbs into orbit.

Use a written description, diagrams with notes or a discussion to give your answer.

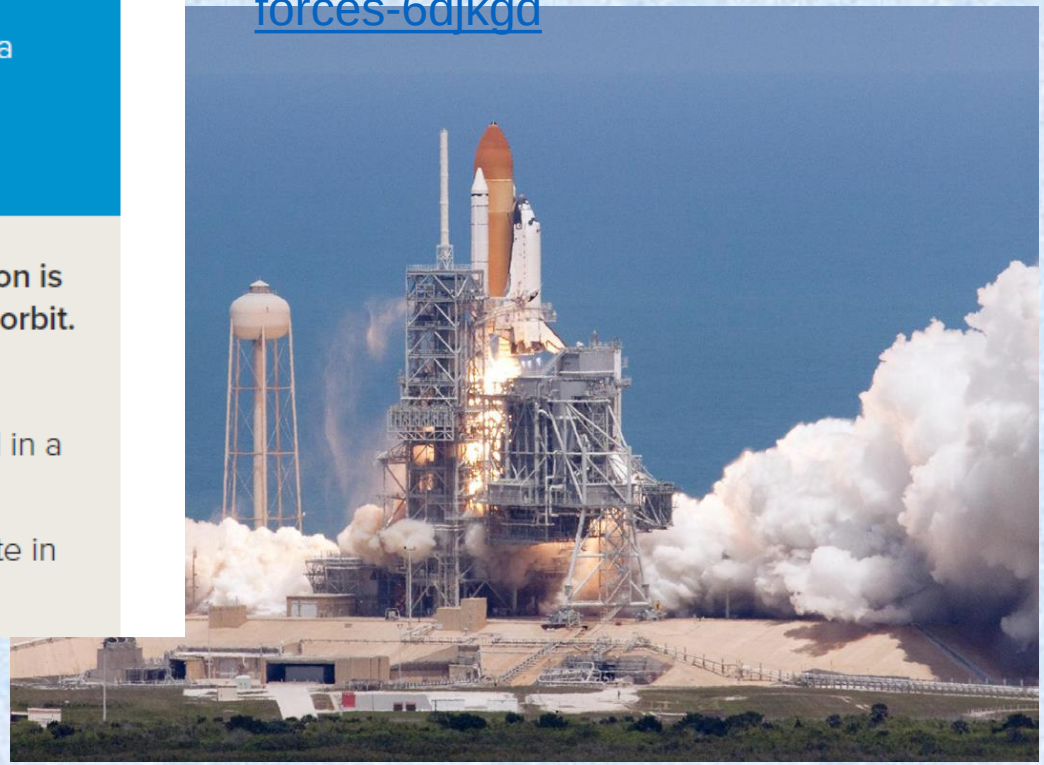
Create force diagrams for each stage of the journey:

- The forces on the rocket as it stands on the launch pad.
- The forces as the rocket takes off and climbs.
- The forces on the rocket as it reaches and maintains its orbit around the Earth.

The rocket is carrying a satellite. Its mission is to place the satellite into a geostationary orbit.

- Explain what a geostationary orbit is.
- What types of satellites are often placed in a geostationary orbit?
- Describe the forces acting on the satellite in its geostationary orbit.

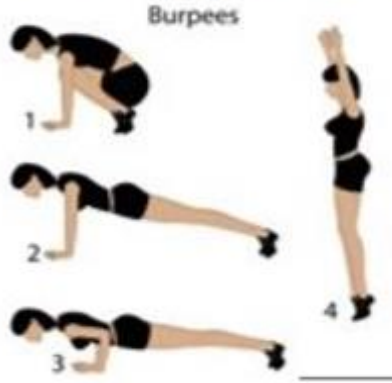
This link to an Oak Academy lesson on forces may help https://classroom.thenational.academy/lessons/what-are-non-contact-forces-6djkgd



Physical Education – Be sure to start with a warm-up for 5 minute that brings your heart rate up – jogging on spot, then ensure you have stretched your muscles before starting.

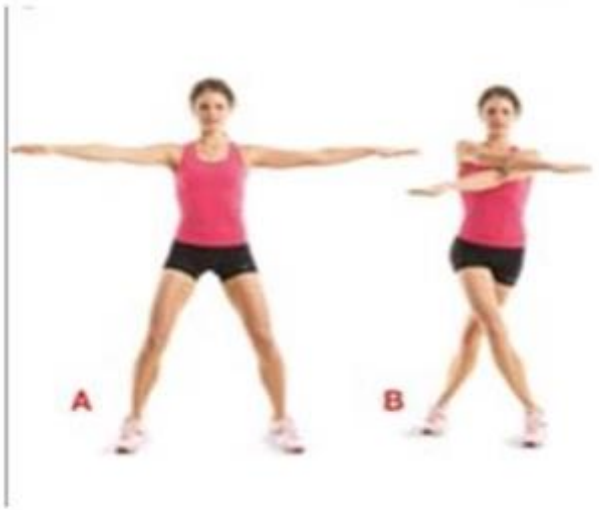
Interval training – Mighty Movers

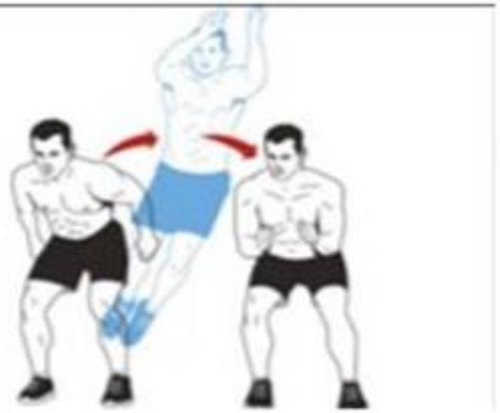
- This week the target is similar to last weeks. Set up 5 stations where you will have 5 different activities involving movement.



- - Star Jumps
- - Burpies
- - Sit-ups
- - Side-jumps
- - Leg cross jumps

How many can you do in 30 seconds?! Can you improve on your scores from last week?





Thursday 11th February 2021

Add Fractions within 1

Notes and Guidance

Children add fractions with different denominators for the first time where one denominator is a multiple of the other.

They use pictorial representations to convert the fractions so they have the same denominator.

Ensure children always write their working alongside the pictorial representations so they see the clear links.

Mathematical Talk

Can you find a common denominator? Do you need to convert both fractions or just one?

Can you explain Mo and Rosie's methods to a partner? Which method do you prefer?

How do Mo and Rosie's methods support finding a common denominator?

Varied Fluency

Mo is calculating $\frac{1}{2} + \frac{1}{8}$

He uses a diagram to represent the sum.

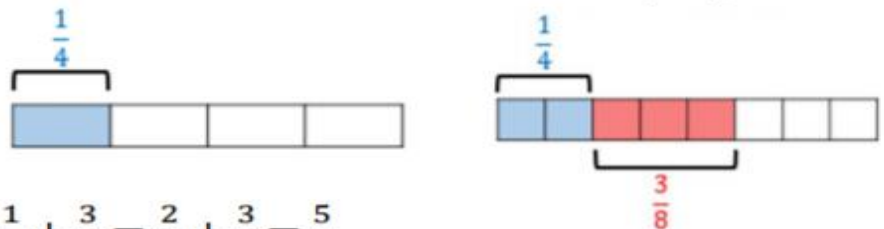


$\frac{1}{2} + \frac{1}{8} = \frac{4}{8} + \frac{1}{8} = \frac{5}{8}$

Use Mo's method to solve :

$\frac{1}{2} + \frac{3}{8}$ $\frac{1}{4} + \frac{3}{8}$ $\frac{7}{10} + \frac{1}{5}$

Rosie is using a bar model to solve $\frac{1}{4} + \frac{3}{8}$



$\frac{1}{4} + \frac{3}{8} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$

Use a bar model to solve:

$\frac{1}{6} + \frac{5}{12}$ $\frac{2}{9} + \frac{1}{3}$ $\frac{1}{3} + \frac{4}{15}$

Add Fractions within 1

Reasoning and Problem Solving

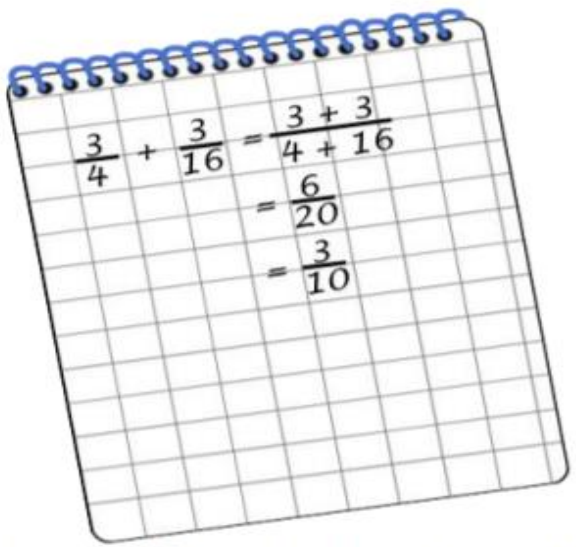
$$\frac{5}{16} + \square = \frac{15}{16}$$

5

$$\square + \frac{7}{10} = \frac{17}{20}$$

3

Annie solved this calculation.



Can you spot and explain her mistake?

Annie is wrong because she has just added the numerators and the denominators. When adding fractions with different denominators you need to find a common denominator.

Two children are solving $\frac{1}{3} + \frac{4}{15}$

Eva starts by drawing this model:



Alex starts by drawing this model:



Can you explain each person's method and how they would complete the question?
Which method do you prefer and why?

Possible answer:
Each child may have started with a different fraction in the calculation.
e.g. Eva has started by shading a third. She now needs to divide each third into five equal parts so there are fifteen equal parts altogether. Eva will then shade $\frac{4}{15}$ and will have $\frac{9}{15}$ altogether.

English

LO write speech from a chosen point of view, making decisions about how events are viewed

Task

Recap – Look again at the persuasive writing PowerPoint. How are you going to present your work – See the next slide for a checklist.

For one the countries that you wrote a fact file on you are going use the skills learnt yesterday (last lesson) to write a persuasive brochure.

You may present your work on paper/poster/booklet or via a PowerPoint/Word/Publisher type of document.

Remember your presentational devices!

Headings
Sub-headings
Paragraphs
Bullet Points
Bold Type
Exclamation Marks
Photographs

Geography

Lesson 5

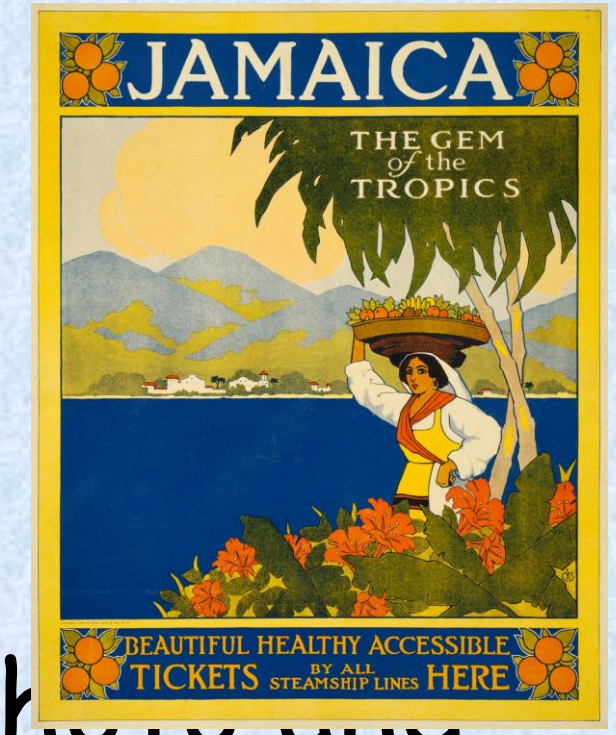
LO: To know about the threat to Australia's biodiversity.

Please find and load Australia week 5 PowerPoint

ART

LO to design a persuasive poster





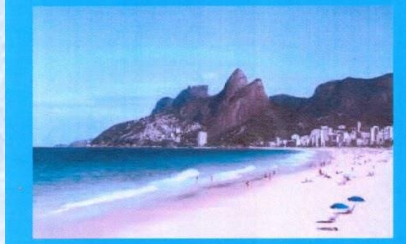
Complete your masks - take a photo and send it in.

Design a tourism poster to use in the English presentation - factual and persuasive



Visit Rio de janeiro

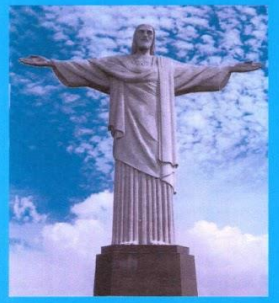
One of the seven Natural wonders of the world



Copacabana the worlds best beach with stunning backdrops and beautiful white sands, this is a sea to see and the beach to be seen at.

The world greatest party in Rio! Join the carnival and dance to the music and be amazed by the exciting colourful fireworks.





Go and see the beautiful sights of christ the redeemer.

Amazing Sydney

Explore
the Best Places to Visit

- Sydney Harbour
- Bondi to Coogee Beach Coastal Walk
- Sydney Opera House
- Sydney Ferries
- Sydney Harbour Bridge
- The Opera House
- Royal Botanic Gardens







$1399

www.travelagency.com

EXPERIENCE Israel

Few countries pack so much variety into such a small space as Israel. The energy and excitement of Tel Aviv and the rich cultural experiences of the Dead Sea and Jerusalem with the sun and relaxation of Eilat make Israel the ideal multi-centre break.



Tel Aviv – The 24-hour city
Visit Old Jaffa's cultural streets • Party in the bars and clubs that bring this city to life at night • Indulge in the boutiques and many markets • Relax on the beach



Jerusalem – Every stone tells a story
Experience the holiest city in the world • Visit the walled city and the Western Wall • See the Church of the Holy Sepulchre • Appreciate the Dome of the Rock on Temple Mount



The Dead Sea – The lowest point on Earth
Follow those from ancient times and float in these remarkable mineral-rich waters that provide world-renowned health benefits



The Sea of Galilee – Peace and tranquility
Discover sites of historical and biblical significance • Enjoy hot springs and national parks



Eilat – The original Red Sea resort
Swim with dolphins • Explore the desert by camel, jeep or quadbike • Dive spectacular reefs • Shop 'til you drop with tax-free designer outlets and malls • Soak up the sun on the beach



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ISRAEL
MINISTRY OF TOURISM

Geography Week 6

LO: create a map of a journey



Revision

Name the main geographical features of Australia

Look back over the previous weeks work and revise.

Create a map of an imaginary journey that visits as many of the places covered in our topics so far.

What countries have been covered or mentioned?

Will you include the mountainous areas from last term.

Make sure that the UK and Australia are featured.

Which countries from the British Empire will you include?

Are you going to fly or travel by boat? If so, how does that change your map and journey?



Friday 12th February 2021

Add 3 or More Fractions

Notes and Guidance

Children add more than 2 fractions where two denominators are a multiple of the other.

They use a bar model to continue exploring this.

Ensure children always write their working alongside the pictorial representations so they see the clear links.

Mathematical Talk

Can you find a common denominator? Do you need to convert both fractions or just one?

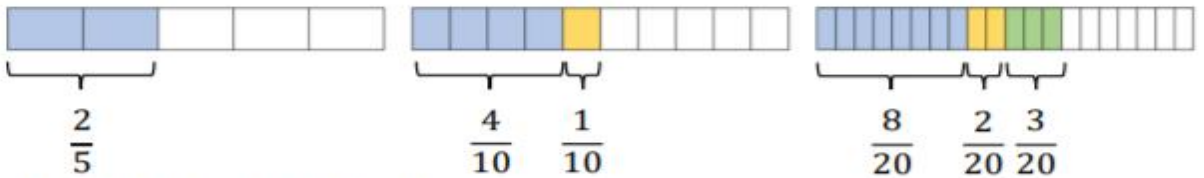
Can you explain Ron's method to a partner? How does Ron's method support finding a common denominator?

Can you draw what Farmer Staneff's field could look like? What fractions could you divide your field into?

Why would a bar model not be efficient for this question?

Varied Fluency

Ron uses a bar model to calculate $\frac{2}{5} + \frac{1}{10} + \frac{3}{20}$



Use a bar model to solve:

$\frac{1}{4} + \frac{3}{8} + \frac{5}{16}$ $\frac{1}{2} + \frac{1}{6} + \frac{1}{12}$

Farmer Staneff owns a field.

He plants carrots on $\frac{1}{3}$ of the field.

He plants potatoes on $\frac{2}{9}$ of the field.

He plants onions on $\frac{5}{18}$ of the field.

What fraction of the field is covered altogether?

Complete the fractions.

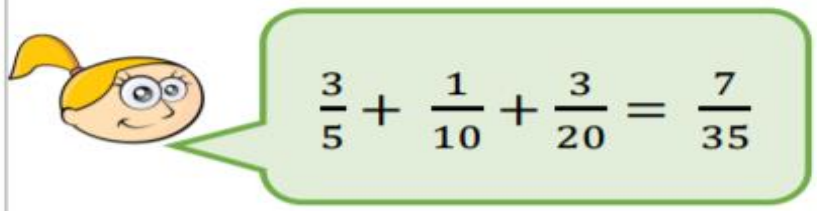
$\frac{1}{5} + \frac{\square}{10} + \frac{8}{20} = 1$ $\frac{1}{5} + \frac{\square}{15} + \frac{1}{30} = 1$

Add 3 or More Fractions

Reasoning and Problem Solving

Eva is attempting to answer:

$$\frac{3}{5}+\frac{1}{10}+\frac{3}{20}$$



Do you agree with Eva?
Explain why.

Eva is wrong because she has added the numerators and denominators together and hasn't found a common denominator. The correct answer is $\frac{17}{20}$

Jack has added 3 fractions together to get an answer of $\frac{17}{18}$



What 3 fractions could he have added?

Can you find more than one answer?

Possible answers:

$\frac{1}{18}+\frac{4}{18}+\frac{13}{18}$

$\frac{1}{9}+\frac{5}{9}+\frac{5}{18}$

$\frac{1}{6}+\frac{5}{9}+\frac{2}{9}$

$\frac{1}{18}+\frac{1}{6}+\frac{13}{18}$

$\frac{1}{3}+\frac{1}{6}+\frac{4}{9}$

English

LO perform a composition (speech) using Standard English.

CONGRATULATIONS!

The BBC have heard great things about your work and would like to invite you to submit a piece for the
The Travel Show.

Please see the next slide for instructions and ideas.



https://www.bbc.co.uk/programmes/b03x51n1

Ideas and thoughts for your presentation

https://www.bbc.co.uk/programmes/p08rfzmn



1½ to 2 minutes long video

Use the skills from your persuasive writing - see the PowerPoints from earlier this week.

Use a blank background (plain wall or similar)

Speak clearly

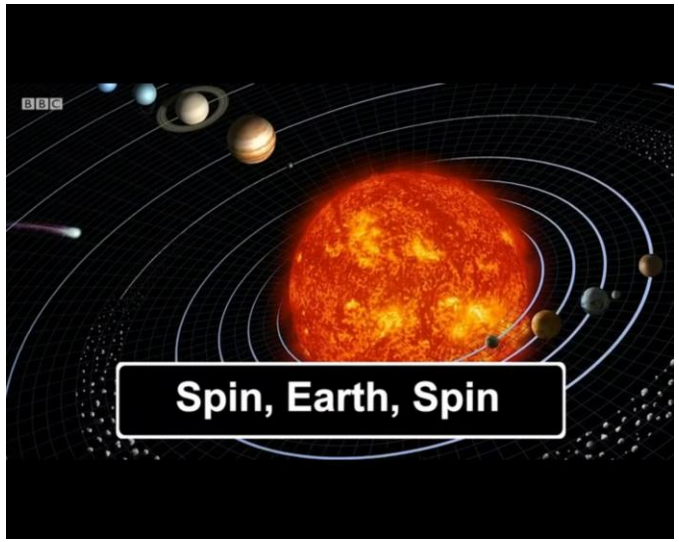
Use props if you want or dress up according to the weather that the place you are talking about would have.

Make or print picture for behind you or to hold up.

HAVE FUN! You never know I might even send them to the BBC.



Music



LO to compose a song

This week is a one-off bit of fun linked to your work on Space – Maggie Aderin-Pocock

https://www.bbc.co.uk/teach/school-radio/music-primary-school-ks1--ks2-songs-space-and-apollo-11/zbdyf4j

Click on the above link to the BBC

Watch the videos and learn as many of the

songs as you wish.

Task

Make up your own son about travelling through the solar system.

This song could link to the science activity this week.

You could use the baking music from one of the songs and create new lyrics (words) for the song.

If you are feeling brave then record your new song and send it to us.



Flute lesson
Music

Find and download the



Rhythm 1. Crotchets ar
rests.MOV

Warning large movie file – allow time to download

PSHE
Staying Safe Online

LO to understand the hidden costs of app usage and In-app purchasing;
To explore information sharing and privacy settings;
To understand that people we meet online might not be who they say they are;
To explore what information and images we should and should not share online.



Which of these do you know about or use?

Which of these are you old enough to use?

Weblinks

http://www.theguardian.com/technology/2014/jan/17/kids-in-app-purchases-apps-parents - Article about the dangers of In-app purchasing; http://mediasmarts.ca/game/privacy-pirates-interactive-unit-online-privacy-ages-7-9 - Privacy pirates online activity; https://www.youtube.com/watch?v=sch_WMjd6go -- The importance of privacy settings; http://www.bbc.co.uk/cbbc/watch/p01g2pt6 - Horrible Histories privacy settings.

Task 1

Write down as many apps as you can think of (social media, games, tools, etc.). They can be ones they use on your devices at home, or at school, or ones they know about. Challenge your family.

Which of the apps are free to download from the app store. Identify those apps that require further purchasing to advance to the next level, or to make the app more effective/interesting/advert-free. Discuss this with someone.

Just because an app is free to begin with doesn't mean it won't cost you! Often a game is easier to advance through if the player spends money. A credit card number isn't required because the device connects to the iTunes or Google Play store. Many free apps use in-app purchasing. Look at the list with someone to see if this statement is true for the list you have compiled. Which ones you have paid for and which ones are 'free'.

While sharing registration information is fine on a legitimate site or app and in

Each browser, social media site and app will have different privacy settings that may be accessed and changed in different ways – and the settings will also have different significance depending on the information that app/site has access to. Everyone should always think about and check these settings, and if specific instructions are required it may be possible to search online for these.

You should also be aware that some apps can (and do) ignore privacy settings, or may change them.

Sharing personal information online within an app is different to registration information, as others can access it if you are on, for example, a gaming or social networking site – you need to not only be careful about what you share but again to check your privacy settings.

What are public and private settings? – You can control who can and cannot see your information.

Watch the light-hearted warning from the Horrible Histories team about privacy settings.
https://www.bbc.co.uk/cbbc/watch/p01g2pt6

Discuss this with someone.

Task

Design an internet safety poster about online purchases and apps