

Home Learning Expectations

- ALL BOOKS WILL BE RETURNED TO SCHOOL WHEN YOU RETURN (CGP books, Power Maths Practice books, New Journal)
- Take as much care and pride in your work at home as you do in school.
- Set out your work with an underlined date, an underlined title and a clear topic.
- Keep your books and journal tidy and away from food and drink.
- Only use black pen or pencil to do your work in.
- THANK YOU for your continued hard work and thank you to parents for their support.

Wednesday 6th January 2021

Session 1

Maths

MyMaths – Comparing Scalable Fractions

FIRST - Click through the lesson

NEXT – Complete the homework

If you get less than 70% on your homework, look back at the lesson and then try the homework again.

TTRS

Challenge

Create some of your own fraction comparison problems for someone in your house (you MUST know the answer to these)

Session 2

English

Punctuating Speech

<https://www.bbc.co.uk/bitesize/articles/zm63c7h>

DIRECT SPEECH	INDIRECT SPEECH
<i>She said, "I can swim."</i>	<i>She said she could swim.</i>
<i>She said, "I must go."</i>	<i>She said she had to go.</i>
<i>She said, "I may drive there."</i>	<i>She said she might drive there.</i>
<i>She said, "Shall we start?"</i>	<i>She asked if we should start.</i>
<i>She said, "I'll call you."</i>	<i>She said she would call me.</i>

Watch the BBC bitesize videos.

- Read the information under the video
- Make sure you listen to Mr Smith carefully.
- **Complete the online quiz** once you have read the information.
- Use the links at the bottom of the page (**activity 2**) to find real life examples of direct speech.
- **Make notes** in your new journal.

Challenge

Complete Activity 3 of BBC bitesize

Session 3

Reading



Reading

Use

<https://www.oxfordreadingbuddy.com/uk>

or

<https://www.activelearnprimary.co.uk/login?c=0>

to read independently for 30 minutes. Every time you finish a book during reading sessions, create a short book review in your journal.

Session 4

Project Work



Research Project- Introduction

- **Geography:** WHAT IS THE POLAR ICE CAP BIOME? HOW ARE THE POLAR ICE CAPS AFFECTED BY CLIMATE CHANGE?
- **History:** WHO WAS SHACKLETON?

If we were in school, these would be our topics in Geography and History. Therefore, in some of our afternoons this half term, I would like you to create two different projects –one for Geography based on the Ice Biome and Climate change and one for History based on the Explorer Shackleton.

Research Project – Geography Help

A few questions to get you started on your project

- *Where are the Polar Ice Caps located?*
- *What is a Biome?*
- *How have the polar ice caps changed?*
- *Why have they changed?*

You could make:

- An informative and persuasive leaflet/ booklet
 - A PowerPoint presentation



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Research Project – History Help

A few questions to get you started on your project

- *Who is Shackleton?*
- *Where is he from?*
- *Why is he well known?*
- *What expeditions did he go on? Why?*

You could make:

- **An informative and explanatory factfile/ booklet**
 - **A PowerPoint presentation**



Thursday 7th January 2021

Session 1

Maths

Fractions

Comparing and ordering fractions 1

Discover



Group A

Group B

- 1 a) Which group has a bigger fraction of people wearing glasses?
- b) Some more people are in Group C. $\frac{2}{3}$ of the people in Group C are wearing glasses.

Which group now has the biggest fraction of people wearing glasses?

Comparing and ordering fractions 1

Discover



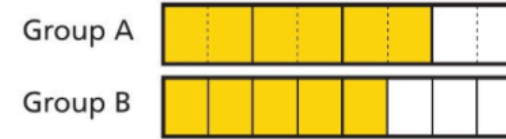
Group A

Group B

- Which group has a bigger fraction of people wearing glasses?
- Some more people are in Group C. $\frac{2}{3}$ of the people in Group C are wearing glasses.
Which group now has the biggest fraction of people wearing glasses?

Share

- We need to compare $\frac{3}{4}$ and $\frac{5}{8}$.



$\frac{3}{4}$ is equivalent to $\frac{6}{8}$.

$$\frac{3}{4} = \frac{6}{8}$$

× 2
× 2

I found equivalent fractions for Group A so that I could compare $\frac{1}{8}$ s.

$\frac{6}{8}$ is greater than $\frac{5}{8}$ so $\frac{3}{4}$ is greater than $\frac{5}{8}$.

Group A has a bigger fraction of people wearing glasses.

- Now we need to compare $\frac{3}{4}$ and $\frac{2}{3}$.



Multiples of 4 are 4, 8, **12**.

Multiples of 3 are 3, 6, 9, **12**.

The lowest common multiple of 4 and 3 is 12 so we can find equivalent fractions with a denominator of 12.

$$\frac{3}{4} = \frac{9}{12}$$

× 3
× 3

$$\frac{2}{3} = \frac{8}{12}$$

× 4
× 4

$\frac{9}{12} > \frac{8}{12}$ so $\frac{3}{4} > \frac{2}{3}$

I needed to find equivalent fractions for both groups. To get the same denominator I found the **lowest common multiple (LCM)** of 4 and 3.

Group A has the biggest fraction of people wearing glasses.

Think together

Complete this in your journal

- 1 a) $\frac{5}{6}$ of Class A have brown hair. $\frac{2}{3}$ of Class B have brown hair. Which class has a bigger fraction of children with brown hair?

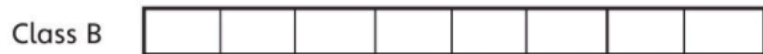


The LCM of 6 and 3 is . $\frac{2}{3} = \frac{\text{input}}{6}$ $\frac{5}{6} \bigcirc \frac{\text{input}}{6}$ so $\frac{5}{6} \bigcirc \frac{2}{3}$.

Class has a bigger fraction of children with brown hair.

- b) $\frac{1}{2}$ of Class A has a pet. $\frac{3}{8}$ of Class B have a pet.

Which class has a bigger fraction of children with a pet?



The LCM of 2 and 8 is . $\frac{1}{2} = \frac{\text{input}}{\text{input}}$ $\frac{1}{2} \bigcirc \frac{3}{8}$

Class has a bigger fraction of children with a pet.

- c) $\frac{3}{5}$ of Class A are girls. $\frac{2}{3}$ of Class B are girls.

Which class has a bigger fraction of girls?

The LCM of 5 and 3 is .

$$\frac{3}{5} = \frac{\text{input}}{\text{input}}$$

$$\frac{2}{3} = \frac{\text{input}}{\text{input}}$$

$$\frac{3}{5} \bigcirc \frac{2}{3}$$

Class has a bigger fraction of girls.

- 2 Put each of these sets of fractions in order from smallest to biggest.

a) $\frac{2}{3}, \frac{1}{2}, \frac{5}{6}$

b) $\frac{1}{2}, \frac{5}{12}, \frac{5}{6}, \frac{3}{4}$

c) $\frac{4}{5}, \frac{3}{10}, \frac{49}{50}, \frac{4}{4}, \frac{99}{100}$

I need to find the lowest common multiple of more than two numbers here. This will be the denominator that I need to use in order to compare.



- 3 Fill in the missing digits to make the statements correct.

a) $\frac{\text{input}}{6}$ is bigger than $\frac{2}{3}$

d) $\frac{\text{input}}{5} > \frac{1}{2} > \frac{\text{input}}{10}$

b) $\frac{2}{5}$ is smaller than $\frac{\text{input}}{15}$

e) $\frac{3}{8} < \frac{\text{input}}{6}$

c) $\frac{1}{3} > \frac{\text{input}}{4}$

f) $\frac{3}{\text{input}} < \frac{\text{input}}{3}$

I think some statements may have more than one answer.

I can use a fraction wall or fraction strips to help me.



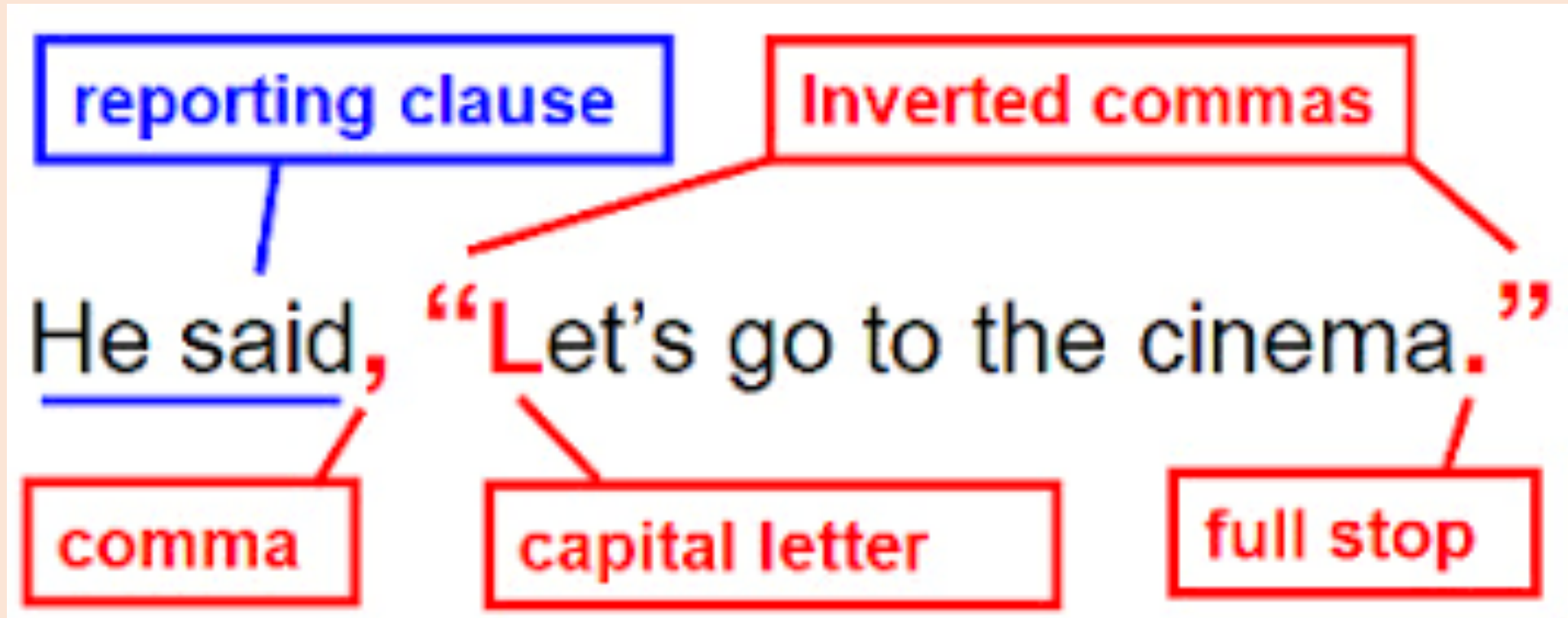
CHALLENGE

Now you have completed the new learning, complete page 99 – 101 of the Power Maths Practice book.

Session 2

English

Punctuating Speech



HINT: Don’t forget the punctuation BEFORE second set of inverted commas. Without this the speech is incorrect and is not complete

Punctuating Direct Speech

CGP Grammar Punctuation and Spelling
book – pg 56 - 57

**If you want to remind yourself about the rules
speech, re-watch the videos from yesterday.**

Session 3

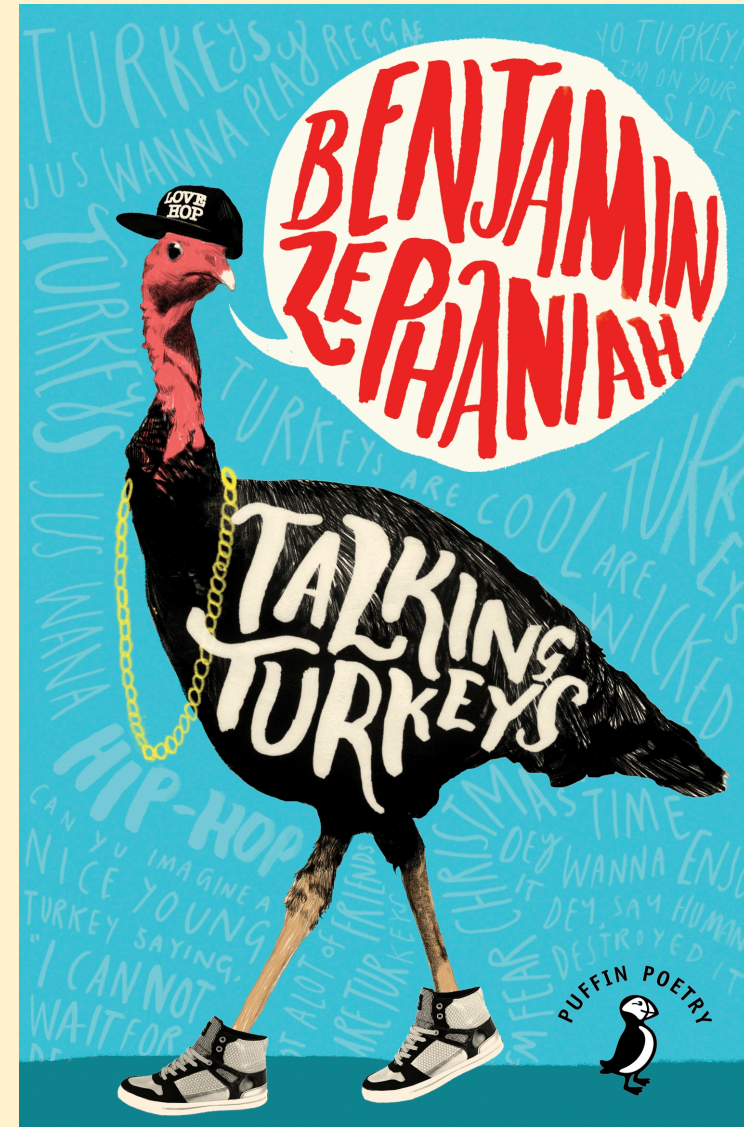
Comprehension



Talking Turkeys!!!

CGP
Comprehension
book

– pg 2 – 3



Session 4

RE



The Five Loaves

<https://www.youtube.com/watch?v=uupg0V-17NU>

Use the link to watch the story and remind yourself of the events.

Retell the story in a creative way:

- Create a comic strip
- Create a play script
- Write it out as a story
- Video yourself telling the story
- Create still pictures/photographs to retell the events



Friday 8th January 2021

Session 1

Maths

Fractions

Comparing and ordering fractions 2

Discover



- 1 a) Does Bella's cat eat more than Jamie's cat each day?
- b) Ebo's cat eats $1\frac{1}{7}$ pouches of cat food each day.
- Does Ebo's cat eat more than Bella's cat?

Comparing and ordering fractions 2

Discover



- 1 a) Does Bella's cat eat more than Jamie's cat each day?
- b) Ebo's cat eats $1\frac{11}{7}$ pouches of cat food each day.
Does Ebo's cat eat more than Bella's cat?

Share

- a) Bella's cat
- Jamie's cat

I need to compare $1\frac{3}{5}$ and $1\frac{2}{3}$. I think I only need to compare the fractions.

To compare $\frac{3}{5}$ and $\frac{2}{3}$ I need to find the **lowest common denominator**.

Multiples of 5 are 5, 10, **15**.

Multiples of 3 are 3, 6, 9, 12, **15**.

The lowest common denominator is 15.

$$\frac{9}{15} < \frac{10}{15} \text{ so } \frac{3}{5} < \frac{2}{3}$$

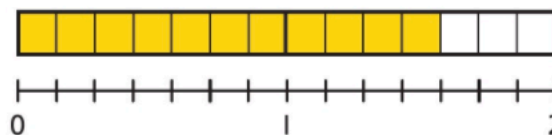
$1\frac{3}{5}$ is less than $1\frac{2}{3}$ so Bella's cat does not eat more than Jamie's cat each day.

$$\begin{array}{c} \times 3 \\ \frac{3}{5} = \frac{9}{15} \\ \times 3 \end{array}$$

$$\begin{array}{c} \times 5 \\ \frac{2}{3} = \frac{10}{15} \\ \times 5 \end{array}$$



- b) We need to compare $1\frac{3}{5}$ and $1\frac{11}{7}$.



I converted $1\frac{11}{7}$ to $1\frac{4}{7}$ so they are easier to compare.

The whole numbers are the same so we only need to compare $\frac{3}{5}$ and $\frac{4}{7}$.

The lowest common denominator is 35.

$$\frac{21}{35} > \frac{20}{35} \text{ so } \frac{3}{5} > \frac{4}{7} \text{ so } 1\frac{3}{5} > 1\frac{4}{7}$$

$1\frac{11}{7} < 1\frac{3}{5}$ so Ebo's cat does not eat more than Bella's cat.

$$\begin{array}{c} \times 7 \\ \frac{3}{5} = \frac{21}{35} \\ \times 7 \end{array}$$

$$\begin{array}{c} \times 5 \\ \frac{4}{7} = \frac{20}{35} \\ \times 5 \end{array}$$



Think together

Complete this in your journal

- 1 a) Lexi's hamster eats $2\frac{3}{4}$ bowls of food each week. Her gerbil eats $2\frac{7}{12}$ bowls of food each week. Which animal eats more each week?



$$\frac{3}{4} = \frac{\square}{12}$$

$$\text{So } 2\frac{3}{4} = 2\frac{\square}{12}$$

$$2\frac{3}{4} \text{ (blue circle) } 2\frac{7}{12}$$

Lexi's _____ eats more each week.

- b) There are 8 carrots in a bag. Roxy the horse eats 27 carrots per week.

How many bags of carrots does she eat per week?

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

Roxy eats bags of carrots per week.

- c) Mai the horse eats $3\frac{1}{2}$ bags of carrots per week.

Which horse eats more carrots per week?

$$3\frac{1}{2} = 3\frac{\square}{8} \quad \square \frac{\square}{8} \text{ (blue circle) } 3\frac{\square}{8}$$

_____ eats more carrots per week.

- 2 Max has four fraction cards.

$$5\frac{2}{7}$$

$$5\frac{10}{21}$$

$$5\frac{6}{14}$$

$$\frac{36}{7}$$

Which fraction is the biggest?

Put the fractions in ascending order.

- 3 Jamilla has some fraction cards.
She selects the following fraction card.

$$2\frac{3}{5}$$

Which fraction cards are bigger than Jamilla's?

$$1\frac{7}{10}$$

$$\frac{17}{10}$$

$$4\frac{1}{8}$$

$$2\frac{11}{20}$$

$$\frac{21}{4}$$

$$\frac{189}{724}$$

$$2\frac{2}{3}$$

$$2\frac{\text{snowflake}}{20}$$

Some of these are clearly bigger. I can tell by just looking.

The last card is bigger than Jamilla's number. I wonder what number could be missing.



CHALLENGE

Now you have completed the new learning, complete page 102 - 104 of the Power Maths Practice book.

Session 2

English

Inverted Commas

Beginning and End

Keep your inverted commas at the beginning and the end of the words being spoken.
"Stop!" I said.

New Speaker, New Line

Start a new line whenever someone new speaks.

"How are you doing today?" asked Henry.
"I'm great!" said Ashton.

Capital Letter

Begin what is spoken with a capital letter!

"What an amazing day!" he announced.

Different Names

Inverted Commas are also called:
Speech Marks
Quotation Marks

Commas

Remember to add commas.

Ashton whispered, "Be quiet!"
"Goodbye," said Jules.

Punctuation

Make sure your speech is correctly punctuated!

"There are times, I feel, that you are a little cold," I said.

Writing a dialogue

Use what you have learnt about direct speech to **write a dialogue** that may happen between two people that could be standing here. Think about the story that you wrote in class on Monday – this could help you to come up with a detailed and interesting conversation.



Session 3

Reading



Reading

Use

<https://www.oxfordreadingbuddy.com/uk>

or

<https://www.activelearnprimary.co.uk/login?c=0>

to read independently for 30 minutes. Every time you finish a book during reading sessions, create a short book review in your journal.

Session 4

Wellbeing Friday



Get Create – ‘Make it’

Make something this afternoon and post a photo on class dojo.

Ideas:

Make something out of paper

Make something out of your recycling

Make something out of lego

Bake something

Cook something

Create something new

Build something

