Summer 2 Week 5

Tuesday

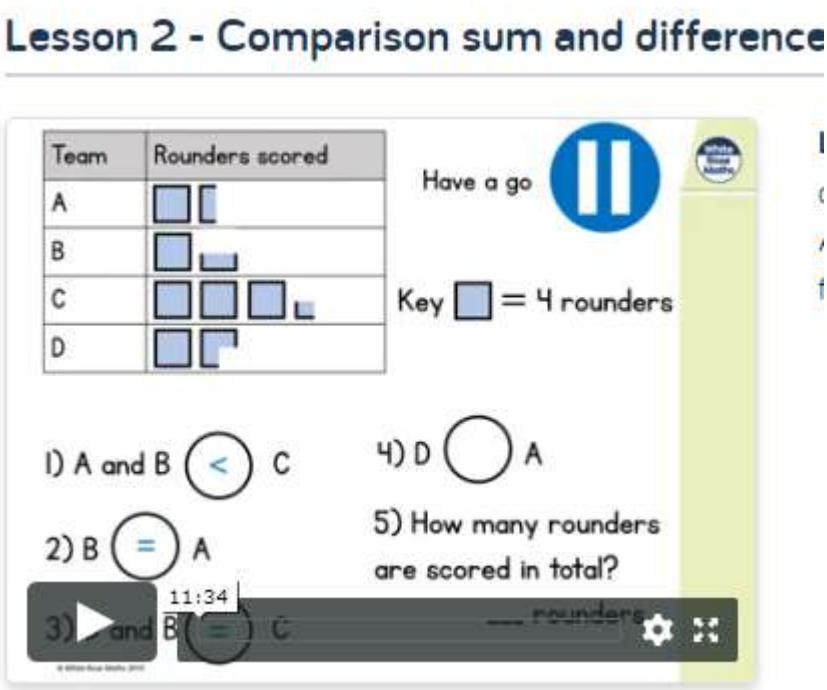
Numeracy

Arithmetic

1) 124 x 8 =
2) $\frac{14}{15} - \frac{8}{15} =$
3) 5 x 4 x 9 =
4) 80 ÷ 10 =
5) 5 x ? = 40
6) 32 x 9 =
7) 108 ÷ ? =12
8) 111 – 21 =
9) 12 + 99 =
10) 66 ÷ 6 =

This week we will be working from the White Rose Maths Home Learning
https://whiterosemaths.com/homelearning/year-4/

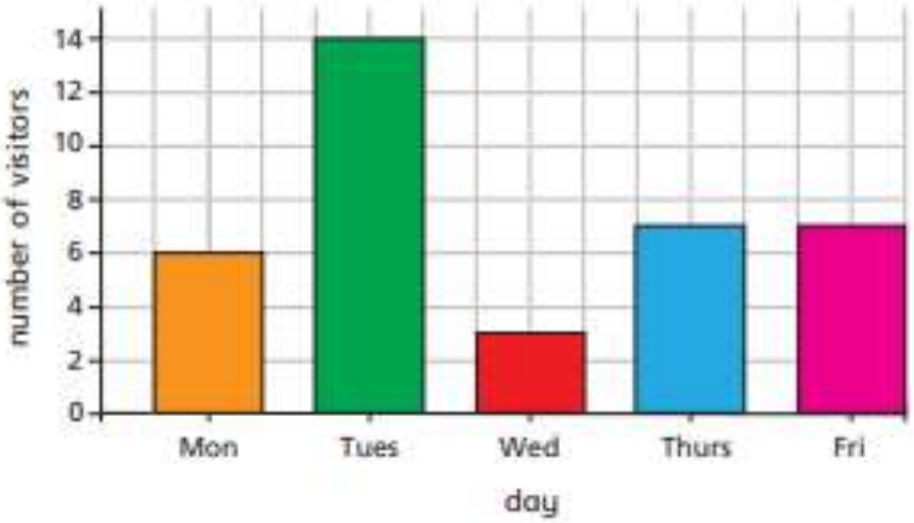
We will still be looking at bar charts and pictograms, but this time we will be using the information to add, subtract and compare.



Must/Should/Could

Comparison, sum and difference

1 The bar chart shows the number of visitors to a museum in a week.



a) How many more visitors went to the museum on Tuesday than on Wednesday?

b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?

c) What was the total number of visitors for the whole week?

d) If there were 3 times as many visitors on Saturday as there were on Thursday, how many people visited on Saturday?

Should/Could

2 The pictogram shows the points scored in a game by five teams.

Team	Points
Red	
Blue	
Green	
Yellow	
Pink	

Key = 4 points

a) Write <, > or = to compare the points scored by the teams.

Red ◯ Blue and Green

Red and Blue ◯ Green and Yellow

Red and Green ◯ Yellow and Blue

Blue and Green ◯ Yellow

b) The Pink team scored half the number of points that the Green team scored.

Complete the pictogram for the Pink team.

c) Teddy is working out the difference in points between the Red and Green teams.

I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?

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3 Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	☀☀☀☀☀☀
UK	☀☀☀
Italy	☀☀☀☀☀
Germany	☀☀☀
Iceland	☀

Key ☀ = 3 hours

a)

I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

☐ hours

b)

I can count how many sunshine symbols there are altogether and multiply that by 3

Use Rosie's method to calculate the total hours of sunshine.

☐ hours

Which method is the most efficient?

Will that always be the case?

Could

4 The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
A	364	618	
B	411		895
C	609	255	
Total		1,357	

a) Complete the table.

b) Are these statements true or false?

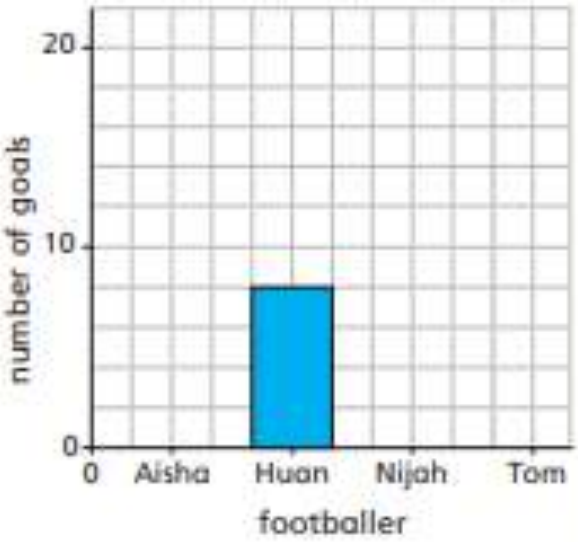
More women than men watched one of the films. _____

Film B was the most popular. _____

5 The bar chart represents the number of goals scored by four footballers.

Use the clues to complete the bar chart.

- Tom has scored 13 fewer goals than Aisha.
- Aisha has scored twice as many goals as Huan.
- Huan and Nijah combined have scored a total of 20 goals.



Challenge

Comparison, Sum and Difference

4a. Use the table to calculate the number of people who voted.

Favourite Activities at Luna Leisure Centre

Activity List	Votes
Swimming	80
Yoga	60
Badminton	40
Karate	50

Sort the activities in order from the most to least popular.

Comparison, Sum and Difference

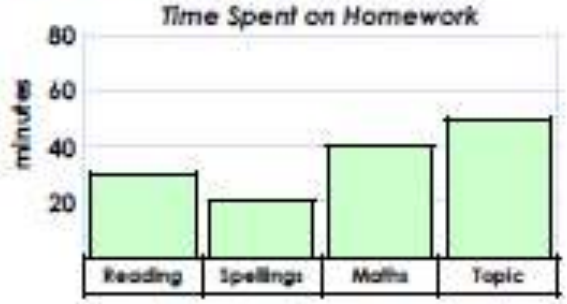
4b. Use the table to calculate the number of leaves collected on the forest trail.

Leaves Collected on Forest Trail

Leaves	Number
Oak	90
Birch	50
Holly	100
Ash	60

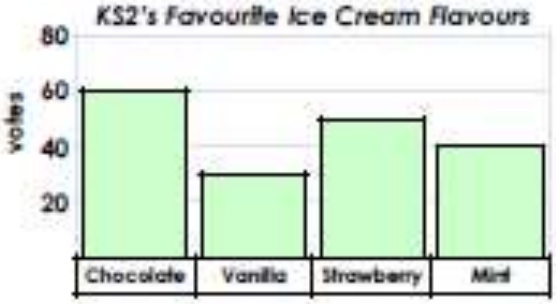
Sort the types of leaves in order from the most to least common.

5a. Complete the sentences below.



There were _____ more minutes of Maths than Spellings. Reading took _____ fewer minutes than Topic.

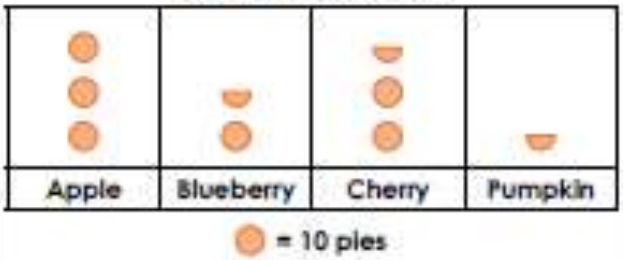
5b. Complete the sentences below.



Chocolate beat Vanilla by _____ votes. Strawberry was _____ votes behind the winner.

6a. Calculate the difference between the number of apple and pumpkin pies sold.

Pies sold at a bake sale



Which two types of pie were bought by 40 people altogether?

6b. Calculate the difference between the frogs found in the pond and the river.

Areas where frogs were found in a National Park

In which two areas were 35 frogs found altogether?

Literacy – Tuesday

Task 1 – Handwriting

Practice the cursive join

ur

currently

Task 2 - Spelling, Punctuation and Grammar (SPaG)

Grammar – Adverbs

1. Look at the sentences below. Circle the adverb in each one.
   a) He smiled cautiously.
   b) She frowned angrily.
   c) He walked to school quickly.
   d) Next she looked for her coat.
   e) It would be his turn soon.

2. Use your own adverbs to complete these sentences.
   a) She ran _____ down the road.
   b) It will be my birthday _____.
   c) He wandered _____ home.
   d) _____, she had to wrap her brother's present.
   e) Her dad was coming to pick her up _____.

Task 3 - News report, Lesson 2

Reading Comprehension – Inference

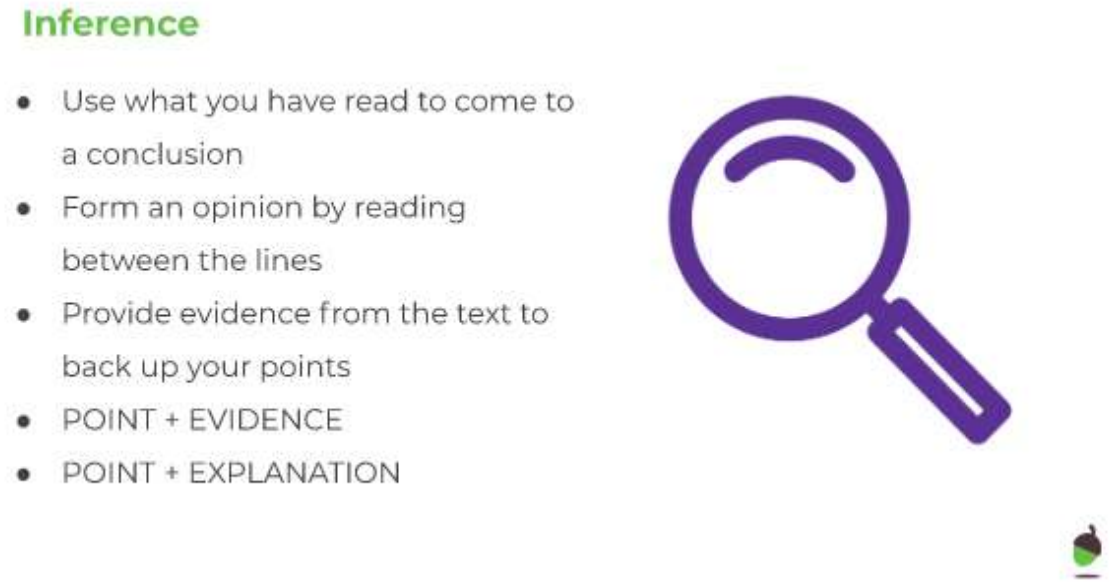
I hope that you enjoyed the first lesson about news reports. In today's comprehension lesson you will be practicing your inference skills.

After you complete the daily SPaG activity, click on the second video of the week. Complete the introductory quiz before following the teacher guidance on the video lesson. Remember to pause when needed and complete the independent activities using your best handwriting! I've included the reading comprehension and questions below for you.

https://www.thenational.academy/

Classroom/Find lessons/Year 4/Subject/Literacy/Newspaper

1. Complete the quiz.
2. Follow the lesson on the video, pausing when asked to.
3. Complete the independent task.
4. Complete the end of lesson quiz.



GLOOP GLOOP!

Augustus last seen floundering in a river of chocolate.

This afternoon, a shocking report has revealed that 9 year old Augustus Gloop has disappeared mysteriously into what is claimed to be a huge river of chocolate, within the walls of a mysterious, closed chocolate factory.

Mr Wonka, who owns the chocolate factory, explained to us that he had decided to open his factory to five lucky children with golden tickets. "This is an important day. Years ago, I went out of business because my jealous competitors sent spies into the factory to learn all of my secrets."

One eye-witness recounts, that Mr Wonka informed the group of lucky children entering the chocolate room not to touch anything. Mr Wonka commented, "Augustus just didn't listen to my instructions – it's his own fault but I can assure you that he'll be fine."

Charlie Bucket, who is one of the lucky children, told our reporter, "When we first entered the chocolate room, I encountered an amazing sight - a gorgeous green valley cut by a brown river, which includes a waterfall. At the base of the waterfall, giant transparent pipes reach into the river, suck the bubbling liquid out of it and carry it away. On both sides of the river, a variety of trees and flowers grow – but everything is made entirely of chocolate! To begin with, I was too awestruck to speak."

Veruca Salt, who is another child visiting the factory, claimed that she saw peculiar, diminutive people (Oompa-Loompas) who could be involved in the disappearance. "I want one to take home," she told our reporter. Her mother, Mrs Salt, who is a geography teacher, told us, "Mr Wonka's tale, that these creatures were smuggled in from Loompaland, where the jungles are infested with

beasts that prey on Oompa-Loompas, is ridiculous! When they began dancing, beating drums, and singing a song about Augustus's greed on the far side of the river, I was appalled!"

In a statement, Mr Gloop reported,

Mrs Gloop was distraught about the incident.

"Of course I didn't jump in after him! I was wearing my best suit!"

In an interview with Mrs Gloop, she stated: "I just couldn't believe my eyes when my little darling was sucked up viciously into a huge pipe and then shot out of it like a rocket!"

Currently, the race is now on to find Augustus before it's too late. Mrs. Gloop demands to know where her son is, fearing that he will end up as a marshmallow!

If you have any further information, please contact our reporting team.

Now have a go at answering the following questions:

1. What evidence from the text in the first paragraph suggests that not everyone believes there is a chocolate river?

_____

_____

2. Why do you think the factory is said to be mysterious? Give evidence from the text to support your answer.

_____

_____

_____

3. How do you know that Mrs Gloop thinks her son, Augustus, never does anything wrong?

_____

_____

4. Currently, the race is now on to find Augustus before it's too late. This suggest that...

a) The factory is about to close.

b) Something bad might happen to him if they don't find him.

c) Mrs Gloop needs to find him so she can get to the supermarket before it shuts.

5. Charlie Bucket said: "I was too awestruck to speak." Which of these do you think best reflects his thoughts?

Tuesday 30th June – Science

We have been learning a lot about plants and animals. Before we move on to how humans impact the environment. It is interesting to think about the positive and negative impact animals have on humans and the environment.

Task: Fill in the matching worksheet below.

Identify what the animal does and then mark in the box whether you think this is a positive or negative impact. (Some animals have the same impact)

Tip: you might have to do some research to help you match the impact!

Animal
dogs
bees
rats
goats
locusts
birds
cows
carp
monkeys

Impact	Positive	Negative
Pollinate and help spread crops		
Destroy crops		
Uproot water vegetation		
Spread disease		
Destroy trees and shrubs		
Lower blood pressure and relieve tension in humans		
Produce greenhouse gases		
Help the visually impaired and deaf		
Produce milk		