Y2 Remote Learning

ANSWER PACK

22nd – 26th February 2021

Interpret pictograms (2, 5 and 10)

White Rose Maths

1. Dora, Dexter and Jack play basketball at break time.

They record the goals they score in a pictogram.

Name	Goals
Dora	🏀🏀
Dexter	🏀🏀🏀🏀
Jack	🏀🏀🏀🏀🏀

Key
🏀 = 2 goals

a) Complete the sentences.

Dora scores ⬚4⬚ goals.

Dexter scores ⬚8⬚ goals.

Jack scores ⬚10⬚ goals.

b) How many goals do they score altogether?

⬚22⬚

c) How many more goals does Jack score than Dexter?

⬚2⬚

d) How many ways could you work out the answer to part c)?

2. Two classes go on a trip to the zoo together.

There are two coaches to take both classes.

	Coach 1		Coach 2
Boys	🙂🙂	Boys	🙂🙂
Girls	🙂🙂	Girls	🙂🙂🙂🙂

Key
🙂 = 10 children

Tick the correct answer.

a) Which coach has more boys?

Coach 1   Coach 2   ~~They have the same~~

b) Which coach has more girls?

Coach 1   (Coach 2)   They have the same

c) How many girls are there in total?   `60`

d) How many more girls than boys are there on Coach 2?   `20`

e) How many more girls than boys are there on the trip to the zoo?   `20`

f) How did you work out the answer to part e)?

3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Key
Leopard	🐾🐾🐾	🐾 = 2 big cats
Cheetah	🐾🐾🐾🐾	
Lion	🐾🐾	
Tiger	🐾🐾🐾🐾🐾	

a) Choose a word to complete the sentence.

(more)   (fewer)

There are ___more___ leopards than lions.

There are ___fewer___ lions than cheetahs.

b)

> If I add the number of cheetahs and lions together then it will be equal to the number of tigers.

Is Rosie correct? ___No___

How do you know?

c)

> Each 🐾 represents 2 big cats so I can just double the amount of 🐾 and that will be how many big cats there are.

Is Alex correct? ___Yes___

How do you know?

Red Task

1. 6 apples
2. 8 apples
3. Saturday
4. Statement A and B are correct
5. Emma

Gold Task

1. Anna is correct because there are 20 red ballons.
2. True. 35 of the animals were sheep, 15 of the animals were pigs and 20 of the animals were cows. 35 + 15 + 20 = 70
3. Zara is incorrect because 24 is not in the 5 times tables. There are 12 circles so the value of each circle is 2.

Deepen the moment…

There are various ways to represent the data.

For example:

Pizza	
Fish fingers and chips	
Jacket potato	
Sandwiches	

Block diagrams

White Rose Maths

1 The block diagram shows children's favourite colours.

14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1			
Yellow	Orange	Red	Blue
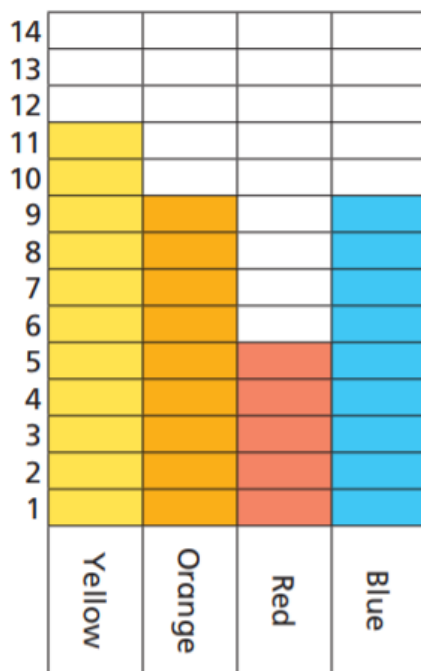
Use the block diagram to answer the questions.

a) Which colour is most popular?

b) How many people chose blue as their favourite?

9

c) Which colour is least popular?

Red

d) How many people chose orange as their favourite?

9

e) How many more people like yellow than orange?

2

f) How many more people like yellow than red?

6

g) How did you work out your answers to e) and f)?

2 The tally chart shows how many of each item there is.

Item	Tally	Total
Scissors	IIII	4
Glue	IIII IIII	9
Pens	IIII I	6

a) Do the totals match the tallies?
Circle your answer.

Yes   No

b) Use cubes to make towers showing how many scissors, glue and pens there are.

c) Colour the block diagram using the tally chart and your cubes to help.

3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat	
Leopard	🐾 🐾 🐾
Cheetah	🐾 🐾 🐾 🐾
Lion	🐾 🐾
Tiger	🐾 🐾 🐾 🐾 🐾

Key
🐾 = 2 big cats

Dora has tried to show the same information on a block diagram but she has made a mistake.

a) What mistake has Dora made?

b) Complete the block diagram so that it is correct.

Red Task

Question 1

a) Apple
b) Kiwi

Question 2

a) Ham
b) Tuna

Deepen the moment

There are various questions you could ask about the data.

For example:

What was the least popular vehicle?

How many people chose lorry?

Which is the most popular vehicle?

Gold Task

1. Cereal is the same. Toast and eggs are different.

2. Holly is correct because 3 children like peas and 6 children like corn. 3 + 9 = 9. Dan is incorrect because only 4 more children like carrots than peas.

3. Milo is correct because 7 children like snow and 5 children like sun. Ziggy is incorrect because rain was the least popular weather.

Maths Answers: Lesson 3 – Assessment

Year 2
Statistics

Name

1 Rosie draws a tally chart for the hair colour of the children in her class.

Hair colour	Tally	Number
Brown	卌 卌 |||	13
Blonde	卌 卌		11
Black	卌		6
Ginger	||	2

How many children have brown hair?

_____13____ children

1 mark

Complete the tally for children with blonde hair.

1 mark

How many children are in Rosie's class?

_____32____ children

1 mark

2 The children in class 2 have a competition. They count how many balls go through a hoop in 1 minute.

The diagram shows the results.
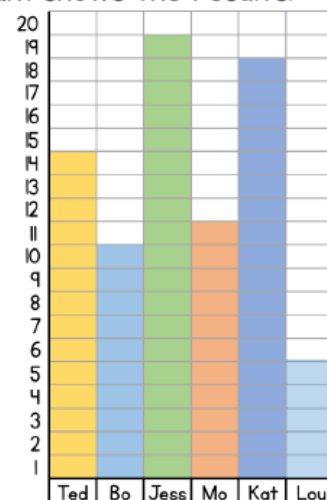
Who gets the most balls through the hoop?

_____Jess_____

1 mark

How many more balls does Kat get through the hoop than Mo?

_____7_____

1 mark

Lou gets 5 balls through the hoop. Show this information on the block diagram.

1 mark

3 The pictogram shows how much money 4 children have in their money box.

Child	Money
Teddy	◯ ◯ ◯ ◯ ◯
Jack	◯ ◯ ◯ ◯
Eva	◯ ◯
Dora	◯ ◯ ◯ ◯ ◯ ◯ ◯

Each ◯ represents £5

How much money does Jack have?

£ 20

1 mark

How much more money does Dora have than Eva?

£ 25

1 mark

If Teddy spends £5, how much money does he have left?

£ 20

1 mark

4 The pictogram shows how many eggs some chickens lay each day.

Day	Number of eggs
Monday	🥚 🥚 🥚
Tuesday	🥚 🥚 🥚 🥚
Wednesday	🥚 (
Thursday	🥚 🥚
Friday	🥚 🥚 (

Each 🥚 represents 2 eggs.

How many eggs were laid on Wednesday?

3 eggs

1 mark

On Thursday, the chickens lay 4 eggs.
On Friday, the chickens lay one more egg than they do on Thursday.
Complete the pictogram.

2 marks

Circle how confident you feel with statistics.

1	2	3	4	5
Not confident				Very confident

<u>Deepen the Moment</u>

Suni counted the colours of sweets in a jar.

Suni says,

Most sweets in the jar were red.

True or false? Explain how you know.

Colours	Tally	Total
Red	~~IIII~~ I	6
Pink	III	3
Green	~~IIII~~ ~~IIII~~ I	11

False because most sweets in the jar are green and only 6 sweets are red.

Answers

Tally Chart		
	Tally	Total
(banana)	‖‖‖ ‖	7
(carrot)	‖‖‖	5
(tomato)	‖‖‖	4
(apple)	‖	2
(pear)	‖‖‖	4

A pictogram showing **the fruit left over at the end of the week.**

banana	carrot	tomato	apple	pear
🍌				
🍌				
🍌	🥕			
🍌	🥕	🍅		🍐
🍌	🥕	🍅		🍐
🍌	🥕	🍅	🍎	🍐
🍌	🥕	🍅	🍎	🍐

Red Task

Lions – 6

Elephants – 2

Penguins – 4

Pandas – 3

Tigers – 5

Zebras – 2

Parrots – 2

Deepen the Moment

Emma and Brody's pictograms look different but they have not made a mistake.

On Emma's pictogram, each circle represents 5 children and on Brody's pictogram each square represents 10 children.

Gold Task

1. How many bananas were left?
   7

2. How many pears were left?
   4

3. How many tomatoes and carrots were left altogether?
   9

4. Which fruit had the least number of pieces left?
   apples

5. How many fruits and vegetables were left altogether?
   22

Maths Answers: Lesson 5

Arithmetic

1. 12
2. 65
3. 72
4. 52
5. 53
6. 30
7. 100
8. 8
9. 6
10. 61
11. 55
12. 60

Deepen the moment...

Question Number	Question	Related fact
4	43 + 9 = 52	9 + 43 = 52 52 – 9 = 43 52 – 43 = 9
5	27 + 26 = 53	26 + 27 = 53 53 – 27 = 26 53 – 26 = 27
11	70 – 15 = 55	70 – 55 = 15 15 + 55 = 70 55 + 15 = 70

English Answers – Lesson 1

1. A bike is a form of transport that can be ridden by one or two riders. A bike usually has two wheels, a handle bar, breaks, reflectors and a seat.
2. Handle bars are needed on a bike because they help the rider to balance.
3. The seat can be changed on a bike to depend on how tall the rider is.
4. Over the year bikes have changed because different bikes have different uses.
5. One way of staying safe on a bike is to always wear a helmet.

Deepen the moment

Example answer:

It is important to stay safe when you are on a bike because you could easily fall off and hurt yourself.

English Answers – Lesson 2

Deepen the moment – Can you spot the mistakes in the sentence below?

Mrs Armitage loves to ride her bicycle. She has a dog called Breakspear. Mrs Armitage's scarf is red and her coat is green. She also wears glasses on her long, pointy nose.

Reading for Productivity Answers

Reading for Productivity lesson 1

1. In Hebrew, a synagogue is called *beit knesset*, which means, a "house of gathering".
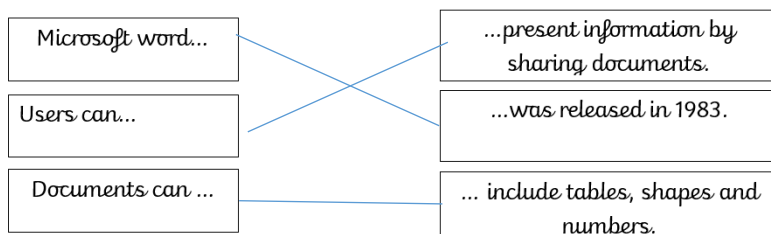2. A room for a choir to sing.
3. The Ark.
4. The Eternal Lamp is a symbol which means that God is always there.
5. Listen carefully to the person reading the Torah scroll. Make sure you are in the correct section for your gender.

Reading for Productivity lesson 2

1. WordArt
2. Please find the lines drawn correctly below:

2. Complete each sentence by drawing a line to match:

Microsoft word...	...present information by sharing documents.
Users can...	...was released in 1983.
Documents can ...	... include tables, shapes and numbers.

3. To change and improve a document.
4. Posters, letters, information texts, greeting cards, invitations etc.
5. When making some of the above documents – children to give specific examples.

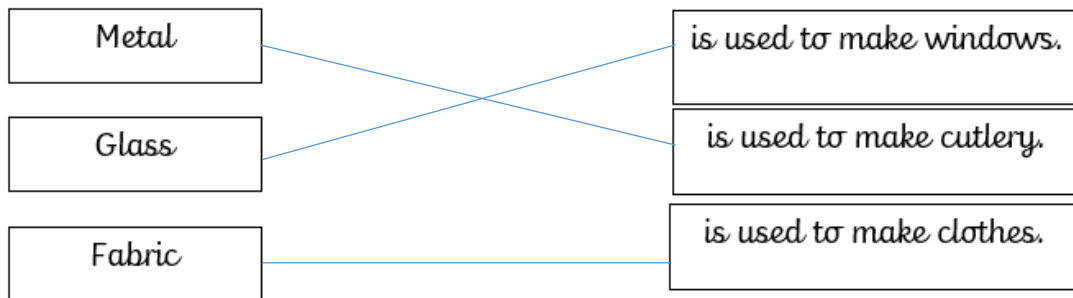## Reading for Productivity lesson 3

1. Antonio Carlos Jobim and João Gilberto
2. It is more complex.
3. Samba and cool jazz.
4. The Girl From Ipanema
5. Bossa nova is usually performed on classical guitar and piano.

Reading for Productivity lesson 4

1. It's used for objects that need to be transparent, such as windows and spectacles.
2. Please find lines drawn below to match:

   2. Match each box to finish the sentence describing each material:

Metal	→ is used to make cutlery.
Glass	→ is used to make windows.
Fabric	→ is used to make clothes.

3. It is strong and long-lasting.
4. Plastics are materials made from chemicals and are not found in nature.
5. Metal.

Reading for Productivity lesson 5

1. The wheels turn.
2. False.
3. Axle.
4. A washer.
5. A shoebox lid.
6. Holes are made on each side of the box and the axles can then be threaded through.