



# Year 2 Remote Learning

## ANSWER PACK

*8<sup>th</sup> – 12<sup>th</sup> February  
2021*



## Maths Answers: Lesson 1 – Main Blue Task

### Make tally charts

White  
Rose  
Maths

1 Draw tally marks to represent each number.

a) 5

c) 4

b) 10

d) 16

2 There are some socks on a washing line.  
The socks are spotty, stripy or plain.



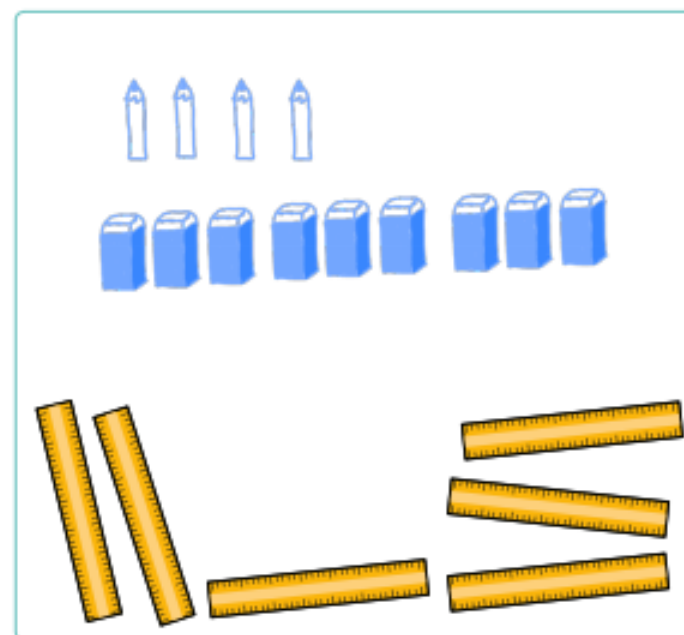
Complete the tally chart.

Sock	Tally
spotty	
stripy	
plain	I

3 Class 2 tally the number of pencils, rubbers and rulers they have.

Item	Tally
pencils	
rubbers	
rulers	I

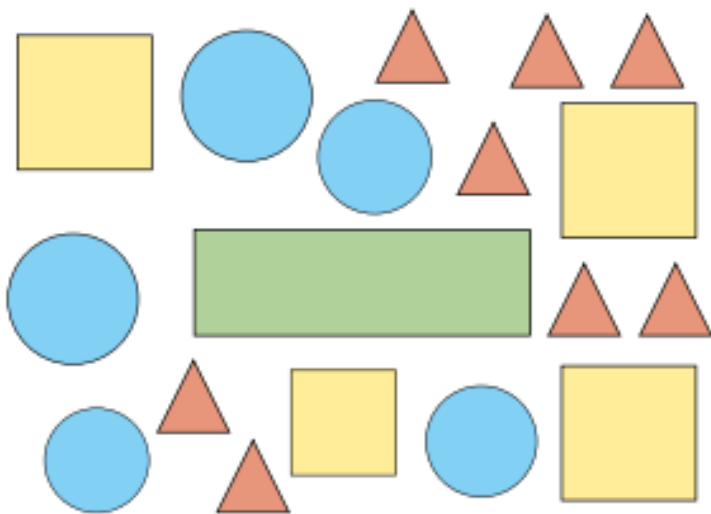
Draw the items. The rulers have been drawn for you.





## Maths Answers: Lesson 1 - Main Blue Task continued

4 Here are some shapes.



a) Complete the tally chart to show how many of each shape there are.

Shape	Tally	Total
Square	IIII	4
Rectangle	I	1
Circle	IIII	5
Triangle	IIII III	8

b) How did you do the tallying?  
Compare with a partner.

5 Whitney, Teddy and Jack tally how many jumps they can do in a minute.

Jumps	Tally	Total
Whitney	IIII I	
Teddy	IIIIIIII	
Jack	IIII	

a)

Whitney



My total is 11

Do you agree with Whitney? No  
Explain your reasons.

b) How could Teddy's tallying be improved?

IIII III

6 Make a tally chart for a topic of your choice.  
Compare answers with a partner.



## Maths Answers: Lesson 1

### Red Task Answers

1. A. B. C. D. 

5
12
9
3

2.

Animals	Tally	Total
Cow		11
Hen		6
Pig		14

3. Dog = 8  
Cat = 15  
Fish = 4

4. Cat

5. Fish

### Gold Task

1.

Year	Tally	Total
1		23
2		19
3		21
4		25

2. Spring = 30  
Summer = 28  
Autumn = 23  
Winter = a number below 23

3. True. 13 like Italy Kart and 12 like Football, which is 25 altogether. 29 like 2 Week. 29 is 4 more than 25.

### Deepen the moment

Jack collects his friends' favourite colours using a tally chart:

Red	
Yellow	
Pink	

Poppy collects the same data and presents it as follows:

Red	
Yellow	
Pink	

**In your opinion, whose method is more efficient? Explain why.**

**Jack's method is more efficient as he uses a tally to record. Poppy's method is harder to count.**

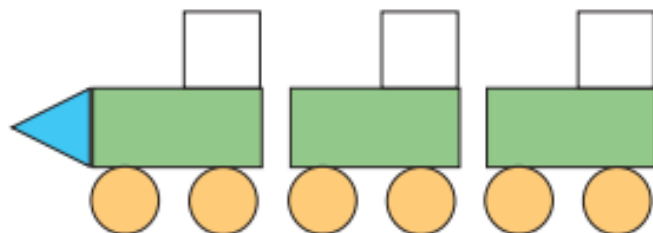


## Maths Answers: Lesson 2 - Main Blue Task

### Draw pictograms (1-1)

White  
Rose  
Maths

1 Some children make a picture using shapes.



a) Complete the pictogram to show how many of each shape they have used.

Shape	
Square	XXX
Rectangle	XXX
Circle	XXXXXXXX
Triangle	X

Key  
X = 1 shape

b) What do you notice about the number of squares and the number of rectangles?



2 There are some animals in a zoo.

a) Complete the pictogram to show how many of each animal there are.



Animal	
Lion	OOOOOO
Elephant	OOOO
Giraffe	OOOOO

Key  
O = 1 animal

b) How did you complete the pictogram?  
Compare with a partner.





## Maths Answers: Lesson 2 - Main Blue Task continued

- 3 Pencils, rubbers and rulers have been mixed up in a tub.

The tally chart shows how many of each item there are.

Item	Tally
pencils	IIII
rubbers	IIII IIII
rulers	IIII I

- a) Use the tally chart to complete the pictogram.

Item		Key
Pencils		= 1 item
Rubbers		
Rulers		

- b) Mo draws a pictogram for the same items. Here is his pictogram.

Item	
Pencils	
Rubbers	
Rulers	

What mistakes has Mo made?

How could his pictogram be improved?

- 4 There are some flowers in a garden.

- There are 4 sunflowers.
- There is 1 less daffodil than there are sunflowers.
- There are twice as many daisies as daffodils.
- There is the same number of tulips as daffodils.

- a) Complete the pictogram.

Key

= 1 flower

Flower	
Sunflowers	
Daffodils	
Daisies	
Tulips	

- b) How many flowers are in the garden in total?

16



## Maths Answers: Lesson 2

### Red Task

1.

Pet	Number of People	Total
Cat		9
Dog		8
Rat		3
Fish		5

2.

Cricket	
Golf	
Yoga	
Hockey	

Cricket	6
Golf	2
Yoga	5
Hockey	3

3. Jack should have drawn two symbols for swimming in his pictogram, not three.

### Gold Task

1.

Goose	
Parrot	
Eagle	
Owl	

2.

Cereal	
Eggs	
Toast	
Porridge	

Cereal	
Eggs	
Toast	
Porridge	

3. Tilly should have drawn a row for 15 vans in the pictogram, along with symbols for 3 more lorries and there should only be two symbols for diggers.

### Deepen the moment...



There were half as many cats as birds.



I saw 7 slugs and the same number of cats.

I saw 31 creatures altogether.

There were 4 fewer squirrels than slugs.

Any pictogram that shows 7 slugs, 3 squirrels, 7 cats and 14 birds.














## Maths Answers: Lesson 3 - Main Blue Task

### Interpret pictograms (1-1)

White  
Rose  
Maths

- 1 The pictogram shows what some teachers had for school lunch.

Lunch	
Fish	  
Chicken	
Spaghetti	    
Salad	 

Key  
 = 1 lunch

- a) Which lunch did the most teachers have?  
Tick your answer.

fish    chicken    spaghetti    salad








- b) Which lunch did the least teachers have?  
Tick your answer.


fish    chicken    spaghetti    salad

- c) How many teachers had chicken?

0

- 2 The pictogram shows how many insects Class 2 saw on a bug hunt.

Insect	
Butterfly	    
Bee	 
Caterpillar	

Key  
 = 1 insect

- a) Complete the sentences.

Class 2 saw  butterflies.

Class 2 saw  bees.

Class 2 saw  caterpillars.

Altogether Class 2 saw  insects.

- b)



Last summer I saw a bee hive. I do not think I could draw a pictogram to show all the bees.

Do you agree with Tommy?





## Maths Answers: Lesson 3 - Main Blue Task continued


- 3 Class 1 were asked to choose their favourite colour out of yellow, green, blue and purple.

The pictogram shows the results.



Colour	
Yellow	     
Green	
Blue	 
Purple	     

Key

 = 1 child

- a) How many children chose yellow?

12

- b) How many children chose green?

1

- c) How many more children chose purple than blue?

4

How did you work this out?

- 4 Eva's friends vote for their favourite fruit.

She draws a pictogram and says it shows:


- the same votes for apple and pear
- melon got the fewest votes
- plum got the most votes
- grape got only 1 vote
- grape got fewer votes than pear.

- a) Draw a possible pictogram so that Eva's statements are true.

E.g

		 	  	 
Grape	Melon	Apple	Plum	Pear

- b) Draw a key for the pictogram.

 = 1 vote



## Maths Answers: Lesson 3

### Red Task

1. B and C
2. 10
3. 3
4. 4
5. Accept answers: 1, 2 or 3

### Gold Task

1. A and C
2. Bus
3. 21
4. 27
5. Aama is correct. 13 like to swim and 11 like to cycle.  $13 + 11 = 24$ .

### Deepen the moment...

1. A. False. 40 children were asked ( $13 + 16 + 11 = 40$ ) Half of 40 is 20 but only 13 chose pepperoni.
2. True. 16 chose ham and 11 chose tuna.  $16 + 11 = 27$ .

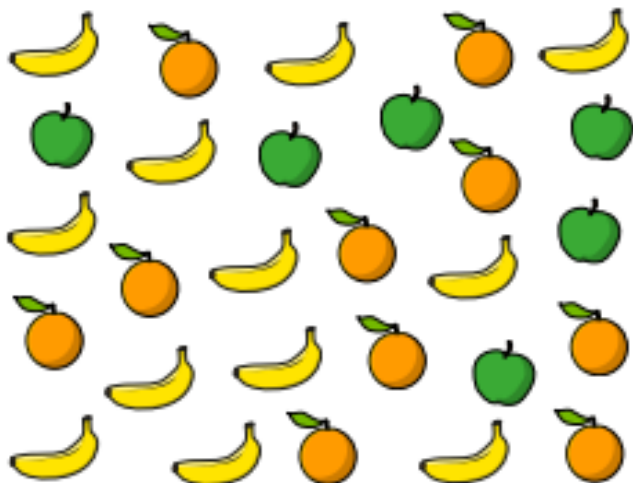


## Maths Answers: Lesson 4 - Main Blue Task

Draw pictograms (2, 5 and 10)



1 Here is some fruit.



a) Complete the tally chart.

Fruit	Tally	Total
Apples	I	6
Oranges		10
Bananas	II	12

b)



I will use a circle for each piece of fruit.

Draw Dora's pictogram.

Key

● = 1 piece of fruit

Fruit	
Apples	● ● ● ● ● ●
Oranges	● ● ● ● ● ● ● ● ● ●
Bananas	● ● ● ● ● ● ● ● ● ● ● ●

c)



I will use a circle for every 2 pieces of fruit.

Draw Tommy's pictogram.

Key

● = 2 pieces of fruit

Fruit	
Apples	● ● ●
Oranges	● ● ● ● ● ●
Bananas	● ● ● ● ● ●

d) Whose pictogram do you prefer? Why?



## Maths Answers: Lesson 4 - Main Blue Task continued


- 2 Class 2 vote for whether they would like to play tennis, football or netball.

The tally chart shows the votes.

Sport	Tally	Total
Tennis		5
Football		20
Netball		10


- a) Complete the pictogram.

Sport	
Tennis	
Football	   
Netball	 

Key  
 = 5 votes

- b) Complete the pictogram.

Sport	
Tennis	
Football	 
Netball	

Key  
 = 10 votes

- 3 The tally chart shows the weather for 55 days.

Weather	Tally
Sun	
Cloud	
Rain	

- a) Draw a pictogram to show this information

Choose your own key.

Eg.

Weather	
Sun	  
Cloud	
Rain	 

Key

 = 10 days

- b) Compare pictograms with a partner.  
What is the same? What is different?



## Maths Answers: Lesson 4

### Red Task

1.

Minibeast	Number of Minibeasts
Slug	○ ○ ○ ○
Snail	○ ○ ○ ○ ○ ○
Worm	● ● ● ● ● ● ● ●
Butterfly	● ●

2.

Hair Colour	Number of Children
Blonde	
Brown	
Black	
Red	

Hair Colour	Number of Children
Blonde	○ ○ ○
Brown	○ ○ ○ ○ ○
Black	● ● ●
Red	●

### Gold Task

1. 7

2.  $4\frac{1}{2}$  circles added next to Skipping

3.  $\frac{1}{2}$  circle added next to Races.

4. Various answers. For example:

Accommodation	Number of Children ● = 10 children
Detached House	□
Cottage	● ● □
Terraced House	● ●
Flat	○ ○ ○

5. Millie is correct because  $6 \times 5 = 30$ .

### Deepen the moment...

Various answers, for example:

Vegetable	Number of Children ● = 2 children
Broccoli	● ● ● ● ● ● ● ●
Carrots	● ● ● ● ● ● ● ● □
Sweetcorn	● ● ● □
Peas	● ● ● ● ● ● ● □



## Maths Answers: Lesson 5

### Arithmetic

1. 14
2. 13
3. 39
4. 13
5. 21
6. 46
7. 0
8. 32
9. 4
10. 94
11. 25
12. 65

### Deepen the moment...

Look at questions 8, 9 and 11.

Can you create at least one related fact for each question?

**For example,**

<u>Question Number</u>	<u>Question</u>	<u>Related fact</u>
7	$2 \times 0 = 0$	$0 \div 2 = 0$ OR $0 \times 2 = 0$

**Your turn!**

<u>Question Number</u>	<u>Question</u>	<u>Related fact</u>
8	$4 \times 8 = 32$	Accept any of the following: $8 \times 4 = 32$ $32 \div 8 = 4$ $32 \div 4 = 8$
9	$20 \div 5 = 4$	$20 \div 4 = 5$ $4 \times 5 = 20$ $5 \times 4 = 20$
11	$\frac{1}{2} \text{ of } 50 = 25$	$50 \div 2 = 25$



## English answers Lesson 1

### The Emperor's Egg.

1. What is the important job the male emperor penguin must do?

Keep the egg warm, off the ground and safe until it hatches.

2. Where do female emperor penguins spend most of the Winter?

In the sea.

3. How long in total does the male emperor penguin have to look after the egg before it is ready to hatch?

Two months.

4. What two jobs does the father penguin have to do when the egg has hatched? **Tick one.**

- ☐ Keep the chick warm and play with it
- ☒ Keep the chick warm and feed it.
- ☐ Feed the chick and teach it how to swim.

5. How do you think you would feel if you had to look after an egg and balance it on your feet for two months?

Childs own thoughts.





## English answers: Lesson 2

Using the past and present tense

**VIP: Past tense is something that has already happened.**

**Present tense is something that is happening right now.**

	<b>Past tense</b> (tick the correct box)	<b>Present tense</b> (tick the correct box)
Yesterday I walked to the Valley Gardens with my Family.	<b>past</b>	
I am dancing alone in my bedroom.		<b>present</b>
I am listening carefully to my grown up.		<b>present</b>
I jumped in the muddy puddles at the weekend with my Sister.	<b>past</b>	

### Deepen the moment...

Can you write two sentences that are written in the present tense?

1. Childs own answer.

---

2. Childs own answer.

---

Can you write two sentences that are written in the past tense?

1. Childs own answer.

---

2. Childs own answer.

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## English Lesson 3 WAGOLL

Story beginning.

As day breaks on the Antarctic continent a small, fluffy penguin chick waddles aimlessly along the frozen ground below her gigantic, orange flippers. She carefully weaves her way through the other penguins looking for her parents who are calling her, “Adelie! Adelie!”. Adelie is now old enough to go on a great adventure into the vast Antarctic ocean, all alone. Her Mother feeds her some delicious, juicy fish one last time before she sets off on her big adventure! Adelie passes the enormous emperor penguins on her way to the ocean. They make her feel as small as an ant as she weaves her way through them trying her hardest not to get crushed. Adelie finally reaches the icy waters edge, she feels the breeze from the ocean blowing through her feathers, there is only one thing left to do, whoosh! Adelie bravely jumps into the ocean leaving her parents behind.



## English lesson 4 WAGOLL

Story build up and problem.

Adelie rushes through the water at high speed, she is as graceful as a ballerina. She explores the ocean and searches for other penguins that may want to join her on her big adventure. Adelie looks back thinking about her parents and what they could be doing now. Are they sliding down the slippery ice on their tummies? Are they eating lots of delicious fish together? Are they waddling around the frozen wonderland that is Antarctica? She wonders for a second then her tummy rumbles, she is beginning to get hungry thinking about the last juicy fish her mother fed her. She searches the ocean for animals that she may prey on to eat. Suddenly, the small, penguin chick gets chased by an almighty leopard seal – she has become the prey. “Help me! Somebody please” screams Adelie in fear for her life, she knows that the leopard seal can swim much faster than her. Adelie can see a ship wreck in the distance she swims as fast as she can hoping that she will be able to hide from the hungry leopard seal. Terrified Adelie sits silently waiting for the leopard seal to leave. The leopard seal searches the ship wreck but, Adelie’s black feathers allowed her to camouflage, she manages to escape and swims as fast as she can to safety.



## Main Blue Task WAGOLL

### Story ending

Adelie is exhausted from all of the swimming, she must find a place to rest for the night. She searches the ocean hoping that there is somewhere comfortable and safe where she can sleep. Under the beautiful night sky, she sees a solid piece of floating ice, Adelie notices a waddle of penguins on the ice staring at the bright stars. She rushes over and climbs onto the ice, it is freezing but comforting. Adelie thinks it feels like home. Adelie closes her round, tired eyes and waits for the sun to rise so that she can enjoy another day on our blue planet.

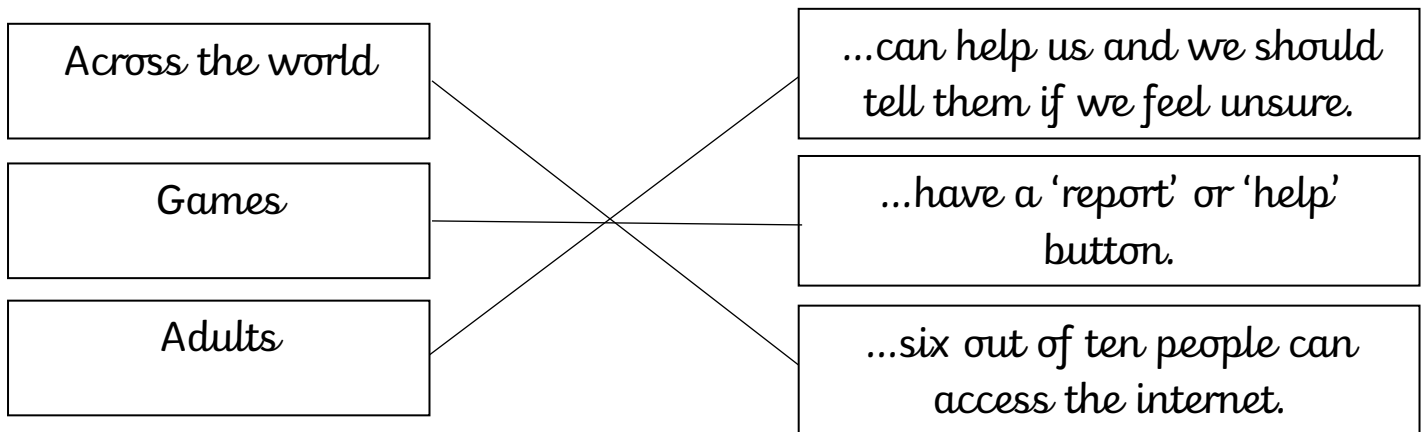


## Reading for Productivity Lesson 1 – RE

1. The Christian cross resembles Jesus' death.
2. His death was painful.
3. The symbol secretly showed that a person believed in and followed Jesus.
4. Secret
5. The candle is a symbol of hope so a Christian may look at one in difficult times to feel more hopeful. (or any similar answer)

## Reading for Productivity Lesson 2 – Computing

1. Tuesday 9th February 2021
- 2.



3. Unsure
4. Tell an adult
5. Suggested answers:
  - Sometimes the internet can make us feel unhappy or unsafe.
  - Many people can access the internet so it is important to stay safe.

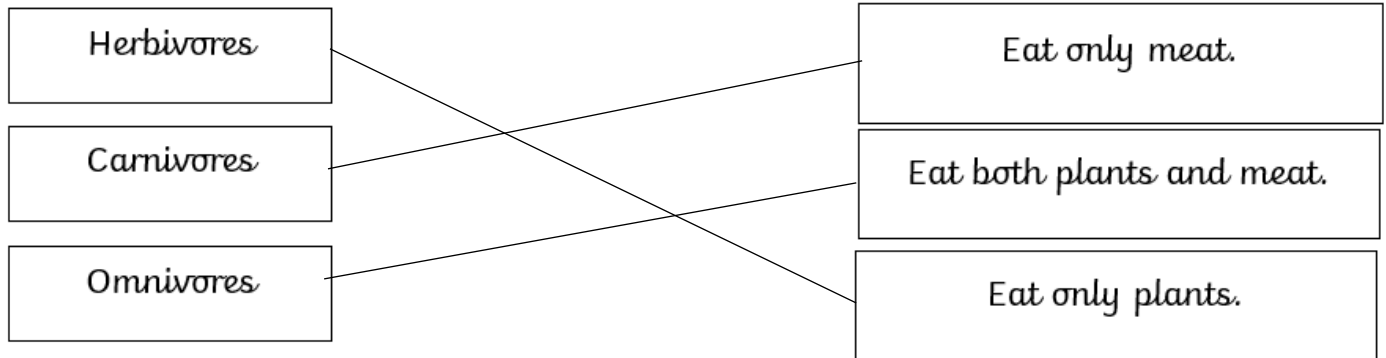
## Reading for Productivity Lesson 3 – Music

1. By hitting and shaking
2. Any two from xylophone, glockenspiel, vibraphone, tubular bells and timpani.
3. Any of the following: cymbals, tambourine or triangle.
4. Percussionist
5. Mozart and Beethoven



## Reading for Productivity Lesson 4 – Science

1. It describes the feeding relationships between living things.
- 2.



3. Any of the following answers:

Because eating food...

Gives us energy and helps us fight off illnesses.

Makes us grow.

Keeps our hearts beating.

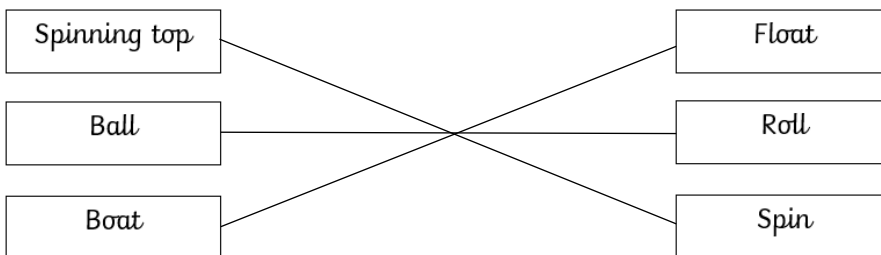
Keeps the blood circulating through our bodies.

4. A producer is a living thing that use the sun's energy to make their own food such as grass, trees, and plants.

5. The orca is at the top of the food chain.

## Reading for Productivity Lesson 5 – DT

- 1.



2. By pushing it/battery power/pullback motor
3. Released
4. Move up and down
5. Sliders