Group One and two: Maths

Dear students,

For the next few weeks, we will be learning about **Statistics.**

We will be working on virtual lessons; the following pages have each day's maths work that will be shared during each lesson.

Additionally, if there are any problems accessing Teams / virtual lessons or you would like some more work.

Have fun Miss Lee.

Group One

Please feel free to use:

Textbook 2A to work through the Graph section: **Chapter 8.**

Workbook 2A **Chapter 8:** Picture Graphs P229-249.

Group Two

Please feel free to use:

Textbook 3B to work through the Picture Graph and Bar Graph section: **Chapter 10**

Workbook 3B **Chapter 10**: Picture Graphs and Bar Graphs P61-82.

Monday 22nd February **Can I make tally marks?**

1 Draw tally marks to represent each number.

a) 5 **b)** 10 **c)** 4 **d)** 16

2 There are some socks on a washing line.

The socks are spotty, stripy or plain.

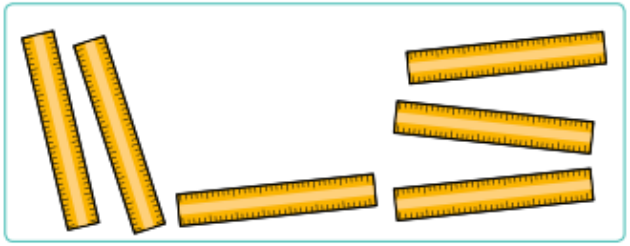
Complete the tally chart.

Sock	Tally
spotty	
stripy	
plain	

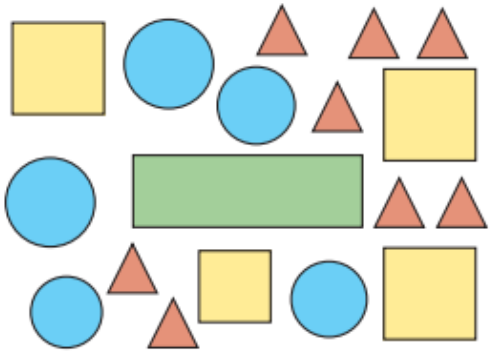
3 Class 2 tally the number of pencils, rubbers and rulers they have.

Item	Tally
pencils	IIII
rubbers	𝍸 IIII
rulers	𝍸 I

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



4 Here are some shapes.



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

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	𝍸 I	
Teddy	IIIIIII	
Jack	IIII	

a)

Do you agree with Whitney?
Explain your reasons.

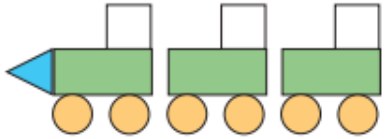
b) How could Teddy's tallying be improved?

6 Make a tally chart for a topic of your choice.

Compare answers with a partner.

Tuesday 23rd February **Can I draw pictograms?**

1 Some children make a picture using shapes.

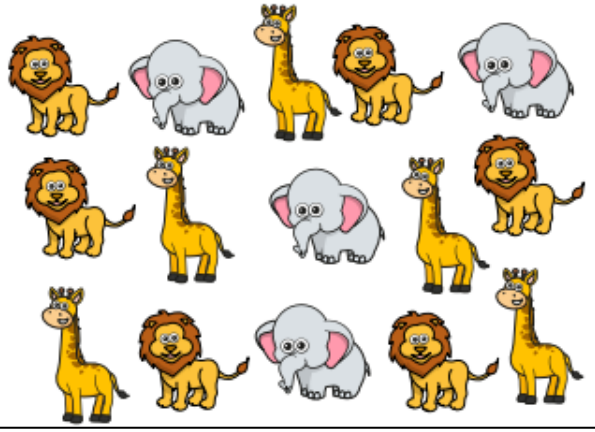


a) Draw a pictogram to show how many of each shape they have used.

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

2 There are some animals in a zoo.

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



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

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	𝍸 IIII
rulers	𝍸 I

a) Use the tally chart to complete the pictogram.

Item	
Pencils	○○○○
Rubbers	
Rulers	

Key
○ = 1 item

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) Draw a pictogram.

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

Wednesday 24th February **Can I interpret pictograms?**

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?

b) Which lunch did the least teachers have?

c) How many teachers had chicken?

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?

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?

b) How many children chose green?

c) How many more children chose purple than blue?

How did you work this out?

4 Eva's friends vote for their favourite fruit.

She draws a pictogram and says it shows:

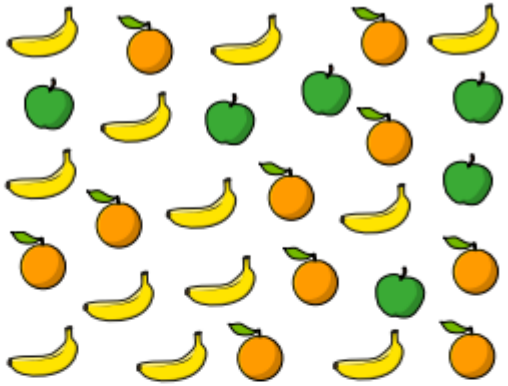
- the same votes for apple and pear
- melon got the fewest votes
- plum got the most votes
- grape got only 1 vote
- grape got fewer votes than pear.

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

b) Draw a key for the pictogram.

Thursday 25th February Can I draw pictograms?

1 Here is some fruit.



a) Complete a tally chart.

b)

I will use a circle for each piece of fruit.

Draw Dora's pictogram.

c)

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

Draw Tommy's pictogram.

d) Whose pictogram do you prefer? Why?

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	𝍸	5
Football	𝍸 𝍸 𝍸 𝍸	20
Netball	𝍸 𝍸	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	𝍸 𝍸 𝍸 𝍸 𝍸 𝍸
Cloud	𝍸 𝍸
Rain	𝍸 𝍸 𝍸

a) Draw a pictogram to show this information.
Choose your own key.

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

Friday 26th February Can I interpret pictograms?

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 ☐ goals.

Dexter scores ☐ goals.

Jack scores ☐ goals.

b) How many goals do they score altogether?

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

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
Boys	☺☺
Girls	☺☺

	Coach 2
Boys	☺☺
Girls	☺☺☺☺

Key
☺ = 10 children

a) Which coach has more boys?

b) Which coach has more girls?

c) How many girls are there in total?

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

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

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.

Key
🐾 = 2 big cats

Big Cat	
Leopard	🐾🐾🐾
Cheetah	🐾🐾🐾🐾

Big Cat	
Lion	🐾🐾
Tiger	🐾🐾🐾🐾🐾

a) Choose a word to complete the sentence.

more fewer

There are _____ leopards than lions.

There are _____ 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?

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?

How do you know?