Dear Parents/Carers,
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

Consolidation of statistics

8.7.20

7.7.20

LO: I can draw pictograms (2, 5 and 10)

Starter

Starter - answer

Descriptive Teaching

Complete the missing sections.

Garden Animal	Number of Animals
Bird	
Tortoise	
Rabbit	🐰 🐰 🐰
Hedgehog	🦔 🦔

Key: 1 picture = 10 Animals

Garden Animal	Number of Animals
Bird	ⅦⅡ ⅦⅡ ⅦⅡ ⅦⅡ ⅦⅡ ⅦⅡ
Tortoise	ⅦⅡ
Rabbit	
Hedgehog	

Descriptive Teaching - Answer

Complete the missing sections.

Garden Animal	Number of Animals
Bird	🐦 🐦 🐦
Tortoise	🐢
Rabbit	🐰 🐰 🐰
Hedgehog	🦔 🦔

Key: 1 picture = 10 Animals

Garden Animal	Number of Animals
Bird	卌 卌 卌 卌 卌 卌
Tortoise	卌
Rabbit	卌 卌 卌 卌 卌 卌
Hedgehog	卌 卌 卌 卌

Descriptive Doing

A teacher wants to find out the favourite flavours of ice-cream for the class.

They collect this information:

Ice-Cream Flavour	Number of Children
Chocolate	卌 卌 卌 卌 卌 卌 卌
Vanilla	卌 卌 卌 卌
Strawberry	卌 卌 卌 卌 卌
Mint	卌

Draw a pictogram to show this information.

Use a circle to represent 5 ice-creams. ◯ = 5 children

Y

Descriptive Doing - Answer

A teacher wants to find out the favourite flavours of ice-cream for the class.

They collect this information:

Ice-Cream Flavour	Number of Children
Chocolate	卌 卌 卌 卌 卌 卌 卌
Vanilla	卌 卌 卌 卌
Strawberry	卌 卌 卌 卌 卌
Mint	卌

Ice-Cream Flavour	Number of Children
Chocolate	⬤⬤⬤⬤⬤⬤⬤
Vanilla	⬤⬤⬤⬤
Strawberry	⬤⬤⬤⬤⬤
Mint	⬤

Draw a pictogram to show this information.

Use a circle to represent 5 ice-creams.   ◯ = 5 children

Y2

Reflective Teaching

Draw the pictogram in your book.

A class is collecting data.

There are 2 more slugs than snails.

Only 3 children saw a ladybird.

There are 2 more snails than butterflies.

8 children saw butterflies.

Create a pictogram to display this information where one picture represents 2 minibeasts.

Reflective Teaching - Answers

Reflective Doing

Sam is drawing a pictogram to show Year 2's favourite author.

Author	Number of Children 1 picture = 10 children
Julia Donaldson	
Roald Dahl	
David Walliams	●●
Dick King-Smith	●●●◐

Sam says,

I must draw 15 circles to show 30 children prefer Roald Dahl.

Is he right? Explain your answer.

Reflective Doing - Answers

Sam is drawing a pictogram to show Year 2's favourite author.

Author	Number of Children 1 picture = 10 children
Julia Donaldson	
Roald Dahl	
David Walliams	●●
Dick King-Smith	●●●◖

Sam says,

I must draw 15 circles to show 30 children prefer Roald Dahl.

Is he right? Explain your answer.

Sam is not right because 1 picture = 10 children. He must draw 1½ pictures.

Independent work

The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.

Independent work

1a. Complete the missing sections.

Hair Colour	Number of Children
Blonde	⬤ ⬤ ⬤ (yellow)
Brown	⬤ ⬤ ⬤ ⬤ ⬤ (brown)
Black	
Ginger	

Key: ⬤ = 2 children

Hair Colour	Number of Children
Blonde	
Brown	
Black	IIII
Ginger	II

1b. Complete the missing sections.

Favourite Drink	Number of Children
Cola	
Orange	⬤ ⬤ ⬤ ⬤ (orange)
Water	
Milk	⬤

Key: ⬤ = 5 children

Favourite Drink	Number of Children
Cola	⫴⫴⫴ ⫴⫴⫴
Orange	
Water	⫴⫴⫴ ⫴⫴⫴ ⫴⫴⫴ ⫴⫴⫴ ⫴⫴⫴
Milk	

Independent work
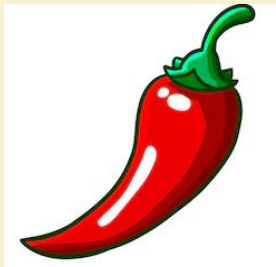
2a. A class collect information about minibeasts:

	Number of Minibeasts
Slug	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Snail	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Worm	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Butterfly	~~IIII~~ ~~IIII~~

Draw a pictogram to show this information.

Use a circle to represent 10 minibeasts.

◯ = 10 minibeasts

2   VF

2b. A class collect information about eye colour:

	Number of Children
Blue	~~IIII~~ ~~IIII~~ ~~IIII~~ I
Brown	~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Green	~~IIII~~ I
Hazel	II

Draw a pictogram to show this information.

Use a square to represent 2 children.
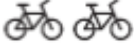
☐ = 2 children

2   VF

Independent work
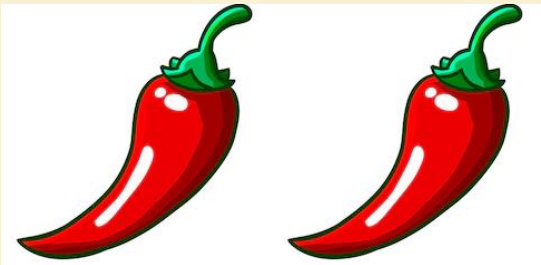
3a. Complete the missing sections.

Get to School	Number of Children
Walk	
Bike	🚲 🚲
Car	🚕 🚕 🚕 🚕 🚕 🚕 🚕
Bus	

Key: 1 picture = 5 children

Get to School	
Walk	卌 卌 卌 卌 卌 卌
Bike	
Car	
Bus	卌

3b. Complete the missing sections of the tally chart and pictogram.

Favourite Fruit	Number of Children
Banana	
Apple	🍎 🍎 🍎 🍎 🍎 🍎
Grapes	
Pear	🍐 🍐 🍐 🍐

Key: 1 picture = 10 children

Favourite Fruit	
Banana	卌 卌 卌 卌 卌 卌 卌
Apple	
Grapes	卌 卌 卌
Pear	

E   2   VF

E   2   VF

Independent work
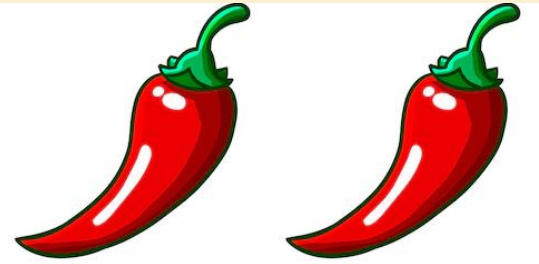
4a. A Headteacher wants to find out how many children use the school library.

She collects this information:

	Library Books Borrowed
Key Stage 1 Boys	‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖
Key Stage 1 Girls	‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖
Key Stage 2 Boys	‖‖‖‖ ‖‖‖‖
Key Stage 2 Girls	‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖

Draw a pictogram to show this information.

Use a circle to represent 10 books.

◯ = 10 books

4b. A vet wants to find out how many animals she treats in a week.

She collects this information:

|	Pets Treated
Dog	‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖
Cat	‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖‖
Rabbit	‖‖‖‖ ‖‖‖‖ ‖‖‖‖
Snake	‖‖‖‖

Draw a pictogram to show this information.
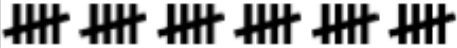
Use a square to represent 5 pets.

☐ = 5 pets

2 VF

2 VF

Independent work
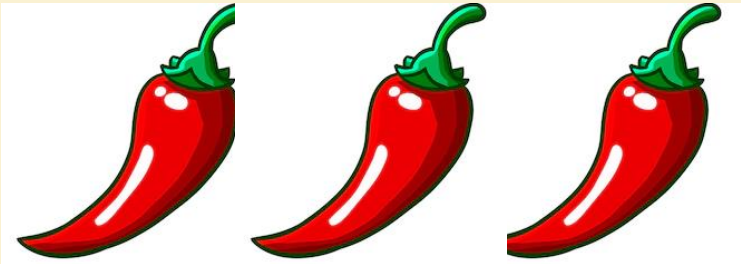
5a. Complete the missing sections.

Favourite Sport	Number of Children
Football	⚽⚽⚽⚽⚽⚽⚽⚽⚽⚽⚽
Rugby	
Tennis	
Athletics	👟👟👟👟👟👟👟👟👟

Key: 1 picture = 2 children

Favourite Sport	Number of Children
Football	
Rugby	卌 卌 卌 II
Tennis	卌 IIII
Athletics	

5b. Complete the missing sections.

Favourite Vegetable	Number of Children
Onion	
Pepper	🫑🫑🫑🫑
Sweetcorn	🌽🌽🌽🌽🌽🌽🌽🌽
Carrot	

Key: 1 picture = 10 children

Favourite Vegetable	Number of Children
Onion	卌
Pepper	
Sweetcorn	
Carrot	卌 卌 卌

2 VF

2 VF

Independent work

6a. A Headteacher wants to find out what type of texts the children like to read.

She collects this information:

Type of Text	Number of Children
Poetry	卌 卌 卌
Comics	卌 卌 卌 卌 卌
Fiction	卌 卌 卌 卌 卌 卌 卌 卌
Reports	卌

Draw a pictogram to show this information.

Use a circle to represent 5 texts.

◯ = 5 children

6b. A class want to find out how many birds they see in a day.

They collects this information:

Birds	Number of Birds
Magpie	卌 卌 II
Blackbird	卌 卌 卌 卌 IIII
Robin	III
Sparrow	卌 卌 卌 卌 卌 卌 卌 I

Draw a pictogram to show this information.

Use a circle to represent 3 birds.

☐ = 3 birds

Answers

Developing

1a. Pictogram – 2 pictures for Black, 1 picture for Ginger. Tally chart – 6 marks for Blonde, 10 marks for Brown.

2a. Pictogram – 2 pictures for Slug, 3 pictures for Snail, 4 pictures for Worm, 1 picture for Butterfly.

Expected

3a. Pictogram – 6 pictures for Walk, 1 picture for Bus. Tally chart – 10 marks for Bike, 35 marks for Car.

4a. Pictogram – 3½ pictures for KS1 Boys, 4 pictures for KS1 Girls, 1 picture for KS2 Boys, 2½ pictures for KS2 Girls.

Greater Depth

5a. Pictogram – 8½ pictures for Rugby, 4½ pictures for Tennis. Tally chart – 21 marks for Football, 16 marks for Athletics.

6a. Pictogram – 3 pictures for Poetry, 5 pictures for Comics, 8 pictures for Fiction, 1 picture for Reports.

Developing

1b. Pictogram – 2 pictures for Cola, 5 pictures for Water. Tally chart – 20 marks for Orange and 5 marks for Milk.

2b. Pictogram – 8 pictures for Blue, 10 pictures for Brown, 3 pictures for Green, 1 picture for Hazel.

Expected

3b. Pictogram – 3½ pictures for Banana, 1½ pictures for Grapes. Tally chart – 55 marks for Apple, 40 marks for Pear.

4b. Pictogram – 8 pictures for Dog, 7 pictures for Cat, 3 pictures for Rabbit, 1 picture for Snake.

Greater Depth

5b. Pictogram – ½ a picture for Onion, 1½ pictures for Carrot. Tally chart – 35 marks for Pepper, 85 marks for Sweetcorn.

6b. Pictogram – 4 pictures for Magpie, 8 pictures for Blackbird, 1 picture for Robin, 12 pictures for Sparrow.

Reflection Time

Ben is drawing a pictogram where one picture = 5 children.

Favourite Subject	Number of Children
Maths	
English	
Science	● ● ● ●
PE	● ● ● ● ● ●

Ben knows more children like English than Maths, but fewer children like English than Science.
How many children like English?
Complete the pictogram.

Take time to reflect

The Learning Pit
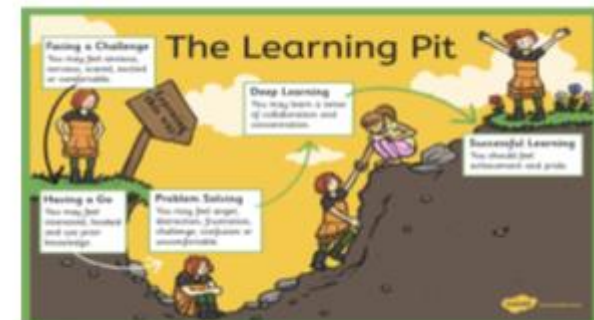
Reflection Time - Answers

Ben is drawing a pictogram where one picture = 5 children.

Favourite Subject	Number of Children
Maths	
English	
Science	⬤ ⬤ ⬤ ⬤
PE	⬤ ⬤ ⬤ ⬤ ⬤ ⬤

Ben knows more children like English than Maths, but fewer children like English than Science.
How many children like English?
Complete the pictogram.
Various possible answers, including: 15 children like English and 10 like Maths. 10 children like English and 5 like Maths. 5 children like English and 0 like Maths

Y2