

Year 2 Summer Term Block 3 - Small Steps - Statistics														
Step	Learning Intention	Vocabulary / Questions / Stem Sentences												
1	<p>Make tally charts</p> <div><div><div>1</div><div>1</div></div><div><div>2</div><div>11</div></div><div><div>3</div><div>111</div></div><div><div>4</div><div>1111</div></div><div><div>5</div><div>11111</div></div><div><div>6</div><div>111111</div></div></div> <p>To use tally charts to systematically record data.</p>	<p>What is a tally chart? How do you show 1, 2, 3, 4 in a tally? What happens when you show 5? How do you show 15? How do you show 17?</p> <ul style="list-style-type: none">To show ____ as a tally, I need to draw ____ groups of 5 and ____single lines.The tally chart shows ____ groups of 5 and ____ single lines. The total is ____.												
2	<p>Tables</p> <table><tr><th>Item</th><th>Total</th></tr><tr><td>pencil</td><td>30</td></tr><tr><td>rubber</td><td>15</td></tr><tr><td>ruler</td><td>21</td></tr></table> <p>To explore the use of simple tables.</p>	Item	Total	pencil	30	rubber	15	ruler	21	<ul style="list-style-type: none">How are tally charts and tables similar? How are they different?When is it better to use a tally chart? When is it better to use a table?Which is the most/least popular? How can you tell?				
Item	Total													
pencil	30													
rubber	15													
ruler	21													
3	<p>Block diagrams</p> <p>To represent data in a block diagram.</p>	<p>How is a block diagram similar to a tally chart/table? How is it different? What does each block represent? What information can you find out from the block diagram?</p> <ul style="list-style-type: none">There are ____ blocks shaded. This means that ____ people chose ____The most/least popular item is ____ because ...												
4	<p>Draw pictograms (1-1)</p> <p>Key ⚽ = 1 goal</p> <table><tr><th>Player</th><th>Goals scored</th></tr><tr><td>Ann</td><td>⚽⚽</td></tr><tr><td>Jo</td><td>⚽</td></tr><tr><td>Mo</td><td>⚽⚽⚽⚽</td></tr><tr><td>Ron</td><td>⚽⚽⚽⚽⚽⚽</td></tr><tr><td>Dan</td><td></td></tr></table> <p>To represent data in a pictogram.</p>	Player	Goals scored	Ann	⚽⚽	Jo	⚽	Mo	⚽⚽⚽⚽	Ron	⚽⚽⚽⚽⚽⚽	Dan		<p>What does each symbol represent? How many symbols do you need to draw in the row/column for ? How can you tell which is the most popular without counting? What is a key? Why is it important?</p> <ul style="list-style-type: none">The key shows that 1 ____ = 1 ____.____ children chose _____, so I need to draw ____ symbols.
Player	Goals scored													
Ann	⚽⚽													
Jo	⚽													
Mo	⚽⚽⚽⚽													
Ron	⚽⚽⚽⚽⚽⚽													
Dan														
5	<p>Interpret pictograms (1-1)</p> <table><tr><td>apple</td><td>●●●●●</td></tr><tr><td>banana</td><td>●●●●●●●</td></tr><tr><td>pear</td><td></td></tr><tr><td>strawberry</td><td>●●●●</td></tr></table> <p>Key ● = 1 child</p> <p>To interpret data in a pictogram.</p>	apple	●●●●●	banana	●●●●●●●	pear		strawberry	●●●●	<p>What is a pictogram? How many more people chose than ? How many are there in total?</p> <ul style="list-style-type: none">There are ____ symbols. This stands for ____ people.I can find the total by adding together ____ and ____more/fewer people chose ____ than ____				
apple	●●●●●													
banana	●●●●●●●													
pear														
strawberry	●●●●													
6	<p>Draw pictograms (2,5,10)</p> <table><tr><th>Flavour</th><th>Number of children</th></tr><tr><td>vanilla</td><td>●●●●</td></tr><tr><td>chocolate</td><td>●●●●●</td></tr><tr><td>strawberry</td><td>●●●●●●●</td></tr><tr><td>lemon</td><td>●●</td></tr></table> <p>Key ● = 2 votes</p> <p>To draw pictograms where the symbols represent 2, 5 or 10</p>	Flavour	Number of children	vanilla	●●●●	chocolate	●●●●●	strawberry	●●●●●●●	lemon	●●	<p>What does each symbol represent? How do you know? Why should you use the same symbol for each category? If 1 symbol stands for 2/10 people, how will you show 1 person/5 people?</p> <ul style="list-style-type: none">The key shows that 1 symbol = ____people. To show ____ people, I need to draw ____ symbols.The greatest number of items is _____, so I will choose 1 symbol = ____ items.		
Flavour	Number of children													
vanilla	●●●●													
chocolate	●●●●●													
strawberry	●●●●●●●													
lemon	●●													
7	<p>Interpret pictograms (2,5,10)</p> <p>Key ★ = 10 animals</p> <table><tr><th>Animal</th><th>Number on farm</th></tr><tr><td>sheep</td><td>★★★★★</td></tr><tr><td>horse</td><td>★</td></tr><tr><td>chicken</td><td>★★★★★</td></tr><tr><td>cow</td><td>★★★★★★★★★★</td></tr></table> <p>To draw pictograms with 1 symbol representing 2, 5 or 10 items.</p>	Animal	Number on farm	sheep	★★★★★	horse	★	chicken	★★★★★	cow	★★★★★★★★★★	<p>What do you know? What can you find out? What is a key? Why is it important? What does the key show?</p> <ul style="list-style-type: none">The key shows 1 symbol = ____ people. So ____ symbols represent ____ people.The key shows 1 symbol = _____people. So half of a symbol represents ____ people		
Animal	Number on farm													
sheep	★★★★★													
horse	★													
chicken	★★★★★													
cow	★★★★★★★★★★													
	<p>End of unit assessment</p>													