

# Let's explore charts and tables : Maths : Year 2 : Spring Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To use tallies and pictograms to share information.	Children will explore pictograms and tally charts. They will ask and answer questions about the data being conveyed. The children also will use given information to complete tally charts and pictograms.	<ul style="list-style-type: none"> <li>• Can children talk about the information in a pictogram?</li> <li>• Can children use a tally chart to complete a pictogram?</li> <li>• Can children answer questions about a pictogram?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Challenge Cards 1A/1B/1C</li> <li>• Picture Cards 1A/1B (FSD...? activity only)</li> <li>• Worksheet 1A/1B (FSD...? activity only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To compare pictograms and block diagrams.	Children will compare pictograms and block diagrams, discussing how they are the same and how they are different. They will use the two graphs to answer questions and discuss the different methods used. During their independent activities the children will use tally charts to complete block diagrams and match them to the corresponding pictogram.	<ul style="list-style-type: none"> <li>• Can children compare pictograms and block diagrams?</li> <li>• Can children create block diagrams?</li> <li>• Can children ask and answer questions about block diagrams?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A/2B/2C</li> <li>• Extension Cards 2A/2B/2C</li> <li>• Graph Cards 2A/2B (FSD...? activity only)</li> <li>• Statement Cards 2A/2B (FSD...? activity only)</li> <li>• Squares of paper - 4/5 colours (Plenary only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 3</b>	To organise, compare and sort data.	Children will recap what a tally chart, pictogram and block diagram are. They will check the graphs have been filled correctly using the information in the tally chart, then they will have a go completing block graphs independently.	<ul style="list-style-type: none"> <li>• Can children compare tally charts and tables?</li> <li>• Can children complete block diagrams and tables?</li> <li>• Can children ask and answer questions about tables and block diagrams?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 3A/3B/3C</li> <li>• Odd One Out Cards 3A/3B (FSD...? activity only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To sort information into block diagrams.	Children will complete block diagrams using information given. They will discuss similarities and differences between their graphs and the one on the slide, addressing misconceptions that arise. They will go on to ask and answer questions about block diagrams they have completed.	<ul style="list-style-type: none"> <li>• Can children complete block diagrams?</li> <li>• Can children ask and answer questions?</li> <li>• Can children use mathematical language to talk about their graphs?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Blank Block Diagram Sheet 4A/4B (Teaching Input)</li> <li>• Worksheet 4A/4B/4C</li> <li>• Challenge Cards 4A/4B (FSD...? activity only)</li> <li>• Question Cards 4A (FSD...? activity only)</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To generate information and input it into tables and block diagrams.	Children will collect data and then input it into a table and then a block diagram. They will ask and answer questions about the information they have generated.	<ul style="list-style-type: none"> <li>• Can children create block diagrams?</li> <li>• Can children generate information for tables and diagrams?</li> <li>• Can children ask and answer questions about block diagrams?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 5A/5B/5C</li> <li>• Character Cards 5A/5B (FSD...? activity only)</li> <li>• Worksheet 5D/5E (FSD...? activity only)</li> <li>• Trays of coloured blocks</li> <li>• Photo Sheet</li> </ul>