



Sample Maths Planning for Dragon's Den Summer Fete project Year 4.

This highlights how our power tools learning are referred to in our planning and how they help children.

|   | LEARNING OBJECTIVE Context   | Milestone Indicator(s)  | Key teaching points and organisation of learners including use of adults   | How will children access the LO? What does success look like?  | Next steps |
|---|--|---|--|--|------------|
| 1 | <p><b>L.O. To use statistics</b></p> <p><b>Context: ideas for Dragon's Den</b></p> | <ul style="list-style-type: none"> <li>Interpret and present data using bar charts, pictograms and tables.</li> <li>Solve one-step and two-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in scaled bar charts, pictograms and tables.</li> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> <li>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</li> </ul> | <p>Tell children they are going to be starting their enterprise project - designing a product to sell at the summer Fête</p> <p>Key issues:</p> <ul style="list-style-type: none"> <li>designing something we can make</li> <li>designing something on budget (£20)</li> <li>designing something that will sell</li> <li>Each class must have a separate idea</li> </ul> <p>Allow children to brainstorm on group bubble maps to create a class bubble map to allow children to brainstorm their ideas. Note that the item should not be edible, it should be an item</p> <p>Imagining  </p> <p>Imitating</p> <p>Planning</p> <p>If possible, ask to 'borrow' some Year 5 or 6 children to talk to each class about the products that they and last year's Year 5s and 6s made last year and how they approached the project. Allow time for our children to ask questions.</p> <p><i>N.B. By the end of this lesson, try to narrow down to just 5 or 6 ideas.</i></p> | <p><b>MILD:</b> Children to work alongside other children (mixed ability) to suggest their ideas/ask questions.</p> <p><b>Advancing:</b> Children to use ideas from Year 5/6 children bring and give ideas to their group/class for products</p> <p><b>Deep :</b> Children to lead ideas/brainstorming or to be a scribe for their group during idea stage</p> <p><b>Challenge:</b> Start thinking about costing/popularity for different items suggested and order them in order of preference.</p> |            |