



## Curriculum Outdoors

### Curricular Area: Numeracy and Mathematics



<p><u>E&amp;O:</u> I have used a range of ways to collect information and can sort it in a logical, organised and imaginative way using my own and others' criteria.</p> <p><b>MNU 1-20b</b></p> <p>Using technology and other methods, I can display data simply, clearly and accurately by creating tables, charts and diagrams, using simple labelling and scale.</p> <p><b>MNU 1-21a</b></p> <p><u>Learning Outcome:</u> To select and use the most appropriate way to gather and sort data ie. a survey or group tallies To display data using bar graphs including labelling and scales</p>	<p><u>Resources Needed</u></p> <p>Natural Materials Survey materials (if required) ie. paper, pencil and clipboard Chalk</p>
<p><u>Activity</u></p> <p>Two different types of activities to begin with:</p> <ol style="list-style-type: none"> <li>1. Create a tally mark survey of something that interests the children ie. things in the playground, cars in the school car park or cars that drive past the school grounds in a set amount of time. Use this information to create a tally chart and then convert this into a bar graph. This can be done on the ground or back in class.</li> <li>2. Allow the pupils 10 mins to go around the school grounds to collect objects. The pupils can sort these into their own categories – litter, not litter, natural materials, man made, plastic, pine cones, stones etc. Once pupils have collected, sorted and counted their materials, they can create a tally chart either on the ground or on paper to show what they have gathered. Then, again on the ground or on paper, the pupils can transfer this information into a bar graph. Remember to highlight the importance of a title, labelling, scale etc.</li> </ol>	<p><u>Assessment</u></p> <ul style="list-style-type: none"> <li>• Observation of pupils</li> <li>• Listening to pupil conversations</li> <li>• Photographs of examples of tally charts and bar graphs</li> <li>• Hard evidence of pupils work if completed on paper</li> </ul>



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Curriculum Outdoors Attainment Challenge

Example photographs:





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