



Activity Idea

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| Activity | Growing Sunflowers | | |
| Possibilities for maths learning | <input checked="" type="checkbox"/> Counting <input type="checkbox"/> Subitise <input type="checkbox"/> Shape | <input type="checkbox"/> Composition <input checked="" type="checkbox"/> Comparison <input checked="" type="checkbox"/> Pattern | <input type="checkbox"/> Cardinality <input checked="" type="checkbox"/> Measure <input type="checkbox"/> Spatial Awareness |
| Resources | <ul style="list-style-type: none"> ➤ Sunflower seeds ➤ Pots, canes and string ➤ Soil/compost ➤ Variety of measuring tools (standard and non-standard) ➤ Camera ➤ Clipboard, paper, pencils, graph etc. | | |
| Activity Outline | <p>Tell the children about sunflowers and that you are going to plant some in the garden. Help them to add soil to the pots. How many scoops does it take? How full is the pot? Encourage the children to count the seeds as they are planted. Place the pots in a sunny area and water regularly.</p> <p>As the sunflowers grow start to measure the growth. Encourage the children to pick their own measuring tool and keep a record. Which tool is best? You may want to have a specific time each week that you take the measurements. As it gets taller make sure to support it with canes and string.</p> <p>Keep a log with the children of when the sunflower was measured and how tall it is. How much has it grown since last time? How much do you think it will grow next week? How big do you think it will get- taller than them, an adult, a fence, a wall etc. You could also take photos to add to the log or ask the children to draw pictures. Carry on measuring until the sunflower stops growing and blooms.</p> | | |
| Extension Opportunities | <ul style="list-style-type: none"> ✓ You could encourage the children to decorate their pots with patterns ✓ When the sunflower is finished you could help the children to harvest the seeds and count them out. These could be planted again or used in cooking, to feed the birds etc. | | |