

<b>Project title:</b> Inside Innovators: Plants – Green Fingers	<b>Subject(s):</b> Math, UAE Social Studies, Science, English, Islamic Studies and Moral Education
<b>Objectives</b>	To develop a link amongst the subjects with a common topic selected ( <b>plants – green fingers</b> )
<b>Expectations/Outcomes</b>	<ul style="list-style-type: none"> <li>To describe the different parts of a flower and understand the process of pollination</li> <li>To use speech marks to write a dialogue between the bee and the flowers</li> <li>To find the perimeter of a square garden</li> <li>To identify herbs and list down its uses</li> </ul>
<b>Vocabulary</b>	Pollination, stamen, pollen grains, stigma, garlic, green tea, mustard seeds, mint leaves, coriander leaves, ginger, perimeter, fragrance.
<b>Resources</b>	Samples of herbs, flowers, magnifying glasses, iPads, measuring tapes, flower pots and templates for writing down student learnings.

<b>Activities</b>	<b>Key skills</b>
<ul style="list-style-type: none"> <li>• <b>Observation of a flower to understand its parts.</b></li> <li>• <b>Dramatisation to show the process of pollination and use of medicinal herbs in our daily lives.</b></li> <li>• <b>Creating a garden using the concept of basic operations in math and perimeter.</b></li> <li>• <b>Designing a watering device in ICT lessons.</b></li> <li>• <b>Discussion on deforestation and afforestation in moral education.</b></li> <li>• <b>Story-telling during Islamic studies to bring out the seerah of Prophet Mohammed (PBUH).</b></li> <li>• <b>Creating an organic farm in the school.</b></li> </ul>	<p><b>Critical thinking</b> If bees were listed in the category of extinct creatures, do you think the process of pollination would be affected? Justify your answer.</p> <p><b>Research</b> Features of herbs Benefits of herbs</p> <p><b>Group collaboration</b> Activities carried out in groups and pairs</p> <p><b>Creativity</b> Students did a role play on a conversation between a bee and a flower</p> <p><b>Communication</b> Discussion in groups and pairs</p> <p><b>Decision-making</b></p>

	<p>How to use natural resources wisely and ways to conserve them in order to save them for the future generation                  Medicinal herbs vs antibiotics</p> <p><b><u>Cross-curricular links</u></b>                  Math, UAE social studies, science, English, Islamic studies and moral education</p> <p><b><u>Real-life application</u></b>                  Importance of plants and trees in our life</p>
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**Pictures**



<b>Indicators</b>	<b>Y/N</b>
Learning skills	Y
Personal development	Y
Understanding of Islamic values and awareness of Emirati and world cultures	Y
Social responsibility and innovation skills	Y
Health and safety/Care and support	Y
Leadership	Y

