

## PLANTS: Flowers, seeds and fruits (Year 5 and 6)

<b>AIMS</b>
<ul style="list-style-type: none"> <li>• To know some parts of a flower.</li> <li>• To know the pollination and fertilization processes.</li> <li>• To know about some parts of a seed.</li> <li>• To know that there are different kinds of fruits.</li> <li>• To know how seeds disperse.</li> <li>• To make hypotheses.</li> <li>• To discuss while respecting others.</li> </ul>

<b>Teaching objectives</b>	<b>Learning outcomes</b>
<b>CONTENTS</b>	
<p><b><u>Concepts:</u></b></p> <ul style="list-style-type: none"> <li>• Parts of a flower.</li> <li>• Pollination process.</li> <li>• Fertilization process.</li> <li>• Parts of a seed.</li> <li>• Classifying fruits.</li> <li>• How seeds disperse.</li> </ul> <p><b><u>Procedures:</u></b></p> <ul style="list-style-type: none"> <li>• Making a hypothesis.</li> <li>• Drawing from nature.</li> <li>• Checking characteristics using drawings.</li> </ul> <p><b><u>Attitudes:</u></b></p> <ul style="list-style-type: none"> <li>• Discussing while respecting others.</li> </ul>	<p><b><u>Concepts:</u></b></p> <ul style="list-style-type: none"> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> </ul> <p><b><u>Procedures:</u></b></p> <ul style="list-style-type: none"> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> </ul> <p><b><u>Attitudes:</u></b></p> <ul style="list-style-type: none"> <li>• Oral and written production.</li> </ul>
<b>COGNITION</b>	
<ul style="list-style-type: none"> <li>• Identifying</li> <li>• Classifying</li> <li>• Hypothesizing</li> <li>• Comparing</li> <li>• Observing</li> <li>• Dissecting</li> </ul>	<ul style="list-style-type: none"> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral production.</li> <li>• Drawing and colouring oral and written production.</li> <li>• Drawing and oral and written</li> </ul>

<ul style="list-style-type: none"> <li>• Discussing</li> <li>• Manipulating</li> </ul>	<ul style="list-style-type: none"> <li>• production.</li> <li>• Drawing and oral and written production.</li> <li>• Drawing and oral and written production.</li> </ul>
<b>COMMUNICATION</b>	
<i>The activities have their own scaffolding to help the pupils to talk and write.</i>	
<b>CULTURE/CITIZENSHIP</b>	
Raise curiosity about flowers, seeds and fruits people eat.	

<b>ACTIVITIES</b>
<ol style="list-style-type: none"> <li>1.- Before the flower is open: what is in there?</li> <li>2.- Let's look at the parts of a flower!</li> <li>3.- There is an enormous variety of flowers. Look at the flowers below and write the number of flowers that you see.</li> <li>4.- Pollination happens when the pollen sticks on the flower stigma.</li> <li>5.- Fertilization happens when a pollen grain reaches an ovule and this junction produces a seed.</li> <li>6.- What's outside and inside a bean seed?</li> <li>7.- Are seeds protected?</li> <li>8.- Seeds disperse in different ways. Think about how seeds disperse to avoid competing for water, space and light. Then draw and write.</li> </ol>
<b>RESOURCES</b>
<i>You will find them on the pupils' activity sheets and/or in the teachers' notes.</i>