

**Subject: Science**

**Grade level: Elementary (3<sup>rd</sup> grade)**

**Topic: Observing a flower – the parts of a flower**

**Required time: 80 minutes**

<b>Prior knowledge about the subject:</b>	None
<b>Learning objectives:</b>	Students will: - Determine through observation the different parts that compose a flower - Distinguish and name the differences between the male and female part of a flower
<b>Materials/Resources:</b>	Ppt presentation (Google=> parts of a flower ppt => first link) Envelopes (1 for each team) Magnifying glass Basket containing various flowers (1 for each team) Video ( <a href="http://www.youtube.com/watch?v=CZgK8vgEVxw&amp;feature=related">http://www.youtube.com/watch?v=CZgK8vgEVxw&amp;feature=related</a> ) Working sheet Evaluation sheet
<b>Procedure</b>	
<b>Introduction:</b>	The teacher invites students to observe the flowers within their groups. He/She gives each group an envelope, with pictures of the different parts of the flower along with labels (names of the different parts). The students based on what they have previously observed, they are requested to label and join those parts together. With the completion of the activity, the teacher shows a ppt presentation to the class about the parts of a flower and so students have the chance to correct any wrong answers.
<b>Exploration:</b>	<p>After the various parts of the flower are made clear to students, children are asked to isolate and observe initially the stamens from each flower, which is the male part of the flower and then the carpel which is the female part. Observations of students are discussed within the classroom and right afterwards they are asked to complete the missing parts of several flowers at their working sheet.</p> <p>Before moving to the next stage (quiz game-challenge), the teacher in order to highlight the main points of the lesson, demonstrates a video concerning the taught content.</p> <p>After a while, the teacher, holding a box with questions (related to the subject) he/she moves to the different groups. As he/she passes by each team, a student from the group chooses a random piece of paper which he/she reads aloud. That student or someone from the team is asked to answer the question. If children of this group fail to answer, another team has the opportunity to answer and win a point. When all questions are read and answered, the winning team will be announced.</p>
<b>Assessment:</b>	After activities completion, an evaluation sheet is given (filling gaps and

	diagrams and answering various questions). The students are asked to recall what was observed and discussed during the lesson. Students work individually.
<b>Class description-organization:</b>	Mixed ability class. Students work in group of 4 people.
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