

## LESSON PLAN

<b>Subject</b>	: Science
<b>Year</b>	: Four Kejora
<b>Topic</b>	: Plant Versus Water
<b>Duration time</b>	: 60 minutes
<b>Learning Objective</b>	: Understanding the life processes that plants undergo : Knowing the importance of reduce, reuse and recycle of materials.
<b>Learning Outcome</b>	: Pupils able to: <ul style="list-style-type: none"> <li>• Identify the part of plants that responds to the water.</li> <li>• Practice reusing, reducing and recycling to converse materials.</li> </ul>
<b>Prior Knowledge</b>	: Pupils have learnt about parts of plants and the importance of recycle of materials. : Pupils knew types of natural disaster .
<b>Materials</b>	: Power point slides, Laptop, LCD, poster sheets, marker pens, tape roll , balsam flower pot and picture of a plant.

Stage/Time	Detailed Procedures/Steps	Rationale ( activities and materials)
<b>Introduction (± 10 minutes)</b>	<ol style="list-style-type: none"> <li>1) Teacher shows a balsam flower pot in to pupils.</li> <li>2) Teacher asks pupils to name parts of the balsam plant.</li> <li>3) Teacher paste picture of the a plant on the whiteboard.</li> <li>4) Teacher asks for volunteers among the pupils.</li> <li>5) Teacher distributes word card written parts of plants and instructs them to paste the word card correctly.</li> </ol>	<ul style="list-style-type: none"> <li>➤ To stimulate pupils' interest on the topic.</li>   <li>➤ To activate pupils' prior knowledge of the topic.</li> </ul> <p>( Materials: balsam flower pot and plant picture)</p>
<b>Development (± 25 minutes)</b>	<ol style="list-style-type: none"> <li>1) Teacher shows text and pictures about the importance of plant entitled 'Plants Versus Water' using power point slides.</li> <li>2) Teacher asks questions based on the power point slides. Example: Teacher: Which part of plants absorb water? Pupils : Water Teacher : What happens if rain pours nonstop?</li> </ol>	<ul style="list-style-type: none"> <li>➤ To clarify the content of the topic.</li> <li>➤ To activate and provide information.</li> </ul>

	<p>Pupils : Flood</p> <p>Teacher : How does plants helps to reduce excessive to over flow?</p> <p>Pupils : Plants absorbs the water.</p> <p>Teacher : Can all the plants absorbs a lot of water?</p> <p>Pupils : No.</p> <p>3) Teacher asks pupils to list names of native plants that can absorb excessive amount of water.</p> <p>4) Teacher helps the mediocre pupils to answer the question.</p> <p>5) Teacher explains the characteristic of plants that can help reduce storm water runoff after rain to avoid flooding to the pupils using power point slides.</p> <p>6) Teacher organizes pupils to form groups of six.</p> <p>7) Teacher distributes poster sheets and marker pens to each group.</p> <p>8) Teacher explains and instructs pupils to discuss and write information related to the importance plants on the poster sheet.</p> <p>9) Teacher monitors and guides groups who are struggling with the task.</p>	<ul style="list-style-type: none"> <li>➤ To motivate mediocre pupils.</li>   <li>➤ To give clear understanding on how to complete the task.</li> <li>➤ To guide and facilitate pupils.</li> </ul> <p>( Materials : power point slides, poster sheets and marker pens)</p>
<p><b>Practice (± 25 minutes)</b></p>	<p>1) Teacher asks each group to paste their poster sheet and present the content.</p> <p>2) Teacher asks other groups to give comments and suggestion based on the presentation.</p> <p>3) Pupils take turns to present and other groups give comments.</p> <p>4) Teacher asks pupils to walk around the classroom and see their friends' work.</p>	<ul style="list-style-type: none"> <li>➤ To boost pupils' confidence.</li> <li>➤ To give opportunity to pupils to be more engage and evaluate their friends' presentation.</li> <li>➤ To boost pupil's confidence.</li> <li>➤ To appreciate pupils' effort and to expose pupils to variety of ideas and writing styles.</li> </ul> <p>(Materials: poster sheet)</p>

