

## MATTER: Atoms and molecules (Year 5 and 6)

<b>AIMS</b>
<ul style="list-style-type: none"> <li>• To realize that matter is made of molecules/atoms.</li> <li>• To find out that molecules and atoms are too small to be seen even with powerful microscopes.</li> <li>• To make hypotheses.</li> <li>• To distinguish between observation and conclusion.</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>• Size of an atom.</li> <li>• Size of a molecule.</li> </ul> <p><b><u>Procedures:</u></b></p> <ul style="list-style-type: none"> <li>• Measuring length using millimetres.</li> </ul> <p><b><u>Attitudes:</u></b></p> <ul style="list-style-type: none"> <li>• Distinguish observations from conclusions.</li> </ul>	<p><b><u>Concepts:</u></b></p> <ul style="list-style-type: none"> <li>• Completing tables and oral and written production.</li> <li>• Oral and written production.</li> </ul> <p><b><u>Procedures:</u></b></p> <ul style="list-style-type: none"> <li>• Oral and written production.</li> </ul> <p><b><u>Attitudes:</u></b></p> <ul style="list-style-type: none"> <li>• Written production.</li> </ul>
<b>COGNITION</b>	
<ul style="list-style-type: none"> <li>• Comparing</li> <li>• Hypothesizing</li> <li>• Experimenting</li> </ul>	<ul style="list-style-type: none"> <li>• Oral and written production.</li> <li>• Oral production.</li> <li>• 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>	
To raise curiosity about how everyday things are formed.	

<b>ACTIVITIES</b>
<p><b>ATOMS:</b></p> <p>1.- Let's investigate atoms.</p>
<p><b>MOLECULES:</b></p> <p>1.- Let's investigate molecules</p>
<b>RESOURCES</b>
<i>You will find them on the pupils' activity sheets and/or in the teachers' notes.</i>