

**NATURAL SCIENCES**  
**TERM 2: MATTER & MATERIALS**  
**GRADE 8**  
**Lesson plan 1**

TOPIC: ATOMS		
Sub-topic: Atoms - building blocks of matter		Duration: 30min
CONTENT & CONCEPTS (CAPS p40)		
<b>KEY CONCEPTS</b> 1. Matter 2. Atoms		
Specific Aims:	Specific Aim 1: 'Doing Science'	
	Specific Aim 2: 'Knowing the subject content and making connections'	X
	Specific Aim 3: 'Understanding the uses of Science'	
Process Skills: Accessing and recalling information		
<b>LESSON OBJECTIVES:</b> 1. Learners will be able to demonstrate understanding atoms as the smallest building blocks of matter. 2. Learners will be to display understanding that different elements are made of different atoms.		
<b>RESOURCES REQUIRED:</b> <ul style="list-style-type: none"> <li>Periodic Table Poster</li> <li>Examples of various elements</li> <li>Textbooks: e.g. Siyavula Explore Gr. 8A</li> </ul> <b>Web links:</b> <ul style="list-style-type: none"> <li>The Periodic Table (Live) - <a href="http://www.chemeddl.org/resources/ptt/index.html">http://www.chemeddl.org/resources/ptt/index.html</a></li> </ul> <b>Video links:</b> <ul style="list-style-type: none"> <li>The Periodic Table (Explained) - <a href="https://youtu.be/72xwtrbkUTY">https://youtu.be/72xwtrbkUTY</a></li> </ul>		
<b>TEACHING &amp; LEARNING ACTIVITIES:</b>  Revision of concept matter from previous grades using a flow diagram (refer to teachers guide). Introduction of an atom. <b>Activities:</b> <ol style="list-style-type: none"> <li>Teacher presents content of an atom as the building block of matter e.g. Siyavula Gr 8A p.120-123.</li> <li>Learners complete an exercise based on the concept of matter and atoms</li> </ol>		
<b>TEXTBOOK REFERENCES:</b> (Indicate textbook used and reference page numbers)		
<b>ASSESSMENT:</b> Informal		

# Natural Science Lesson Plan Grade 8

**DP Hallahan**



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