

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)		
KEY CONCEPTS 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		
LESSON OBJECTIVES: 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.		
RESOURCES REQUIRED: - Periodic Table Poster - Examples of various elements - Textbooks: e.g. Siyavula Explore Gr. 8A Web links: - The Periodic Table (Live) - http://www.chemeddl.org/resources/ptl/index.html Video links: - The Periodic Table (Explained) - https://youtu.be/72xwtrbxUTY		
TEACHING & LEARNING ACTIVITIES: Revision of concept matter from previous grades using a flow diagram (refer to teachers guide). Introduction of an atom. Activities: - Teacher presents content of an atom as the building block of matter e.g. Siyavula Gr 8A p.120-123. - Learners complete an exercise based on the concept of matter and atoms		
TEXTBOOK REFERENCES: (Indicate textbook used and reference page numbers)		
ASSESSMENT: Informal		

Scope For Grade 8 Natural Science

Tobias Bleicker



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