



TERM 1

LESSON PLAN 1 NATURAL SCIENCES GRADE 7

KNOWLEDGE AREA	LIFE AND LIVING		TOTAL TIME: 9 WEEKS
Term	1		
Unit 1	Biosphere		
Date	/ /20__		
Resource	Doc Scientia Textbook and Workbook Natural Sciences Grade 7 P. 15 – 42		
Time	1 week (4 days)		
Core knowledge	<p>The concept of the biosphere</p> <ul style="list-style-type: none"> The biosphere is where life exists and includes the lithosphere (soil and rocks), hydrosphere (water), and atmosphere (gases). It also includes all living organisms, and dead organic matter. There are many different kinds of living things including plants, animals, microorganisms. All living things can carry out all the seven life processes: nutrition (feeding), growth, reproduction, respiration (energy production), excretion, sensitivity (to the environment), movement. <p>Requirements for sustaining life</p> <ul style="list-style-type: none"> Living things need energy, gases, water, soil and favourable temperatures. Living things are suited (adapted) to the environment in which they live, such as fish have fins to move easily through water. 		
Practical tasks	Practical investigation 1 P. 32 – 34		
Assessment methods	Class test	Control test	Project
	Practical investigation	Class work	Building of models, posters or interviews
Resources	Workbook, Transparencies, Pictures Summary P. 40 – 41 Mind maps P. 42		
Homework	Exercise 1 P. 20 – 22 Exercise 2 P. 24 – 26 Exercise 3 P. 36 – 39		

