

GRADE 8 TERM 2 SCHEMES OF WORK

INTEGRATED SCIENCE

14 WEEKS

*The PDF Comprises part of the Updated Schemes of work for
the Named Learning Area as per the new curriculum*

**FOR COMPLETE NOTES & SCHEMES OF
WORK FOR GRADES 1-8**

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GRADE 8 INTEGRATED SCIENCE SCHEMES OF WORK TERM 2 2024

Week	Lesson	Strand	Sub-strand	Specific-Learning outcomes	Learning Experience	Key Inquiry Question(S)	Learning Resources	Assessment Methods	Ref
1	OPENER ASSESSMENT.								
2	1	LIVING THINGS AND THEIR ENVIRONMENT	Definition of the cell.	By the end of the lesson the learner should be able to; i. Identify the unicellular and multicellular organisms. ii. Describe the structure of the unicellular and multicellular organisms. iii. Appreciate the role of unicellular and multicellular organism in the environment.	Observe a picture showing both unicellular and multicellular organism. Watch a video showing the structure of unicellular and multicellular organism. Draw the structure of unicellular and multicellular organism.	What is a cell?	Active; Integrated science Learner's Book Grade 8 pg.74 Picture Video Charts	Oral questions Oral Report Observation Written exercise	
		LIVING THINGS AND THEIR ENVIRONMENT	Definition of the cell.	By the end of the lesson the learner should be able to; i. State the various processes that occur in a cell. ii. Describe the various processes that occur in a cell. iii. Appreciate the processes that occurs in a cell.	Watch a video showing the processes that occurs in a cell. Observe pictures showing various processes that occurs in a cell. In groups learners to discuss the processes that occurs in a cell.	What is a cell?	Active; Integrated science Learner's Book Grade 8 pg.74 Picture Video Charts	Oral questions Oral Report Observation Written exercise	

3	LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope. (the light microscope)	By the end of the lesson the learner should be able to; i. State the parts of a microscope. ii. Describe the functions of the various parts of a light microscope. iii. Enjoy the use a light microscope.	In groups, learners to label the parts of a real microscope. In groups, learners to discuss the functions of various parts of a microscope. Learners to draw a microscope.	What are some of the parts of a microscope?	Active; Integrated science Learner's Book Grade 8 pg.75 Picture Video Charts	Oral questions Oral Report Observation Written exercise		
4	LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope.(plant cell)	By the end of the lesson the learner should be able to; i. State the parts of a plant cell. ii. Describe the adaptations of the plant cell to its function. iii. Appreciate the need for a plant cell in life.	Learners to observe a picture showing the parts of a plant cell. In groups, learners to discuss the functions of parts of a plant cell. In groups, learners to discuss the adaptations of plant cell to its function.	What are some of the parts of a plant cell?	Active; Integrated science Learner's Book Grade 8 pg.76 Picture Video Charts	Oral questions Oral Report Observation Written exercise		
	LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope.(plant cell)	By the end of the lesson the learner should be able to; i. State the functions of parts of a plant cell. ii. Describe the functions of parts of a plant cell.	Learners to watch a video showing the parts of a plant cell. In groups, the learners to discuss the	What are some of the parts of a plant cell?	Active; Integrated science Learner's Book Grade 8 pg. 76 Picture Video Charts	Oral questions Oral Report Observation Written exercise		

				iii. Appreciate the need for a plant cell in life.	functions of parts of a plant cell. In pairs, the learners to draw the parts of plant cell.				
3	1	LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope. <i>(functions of parts of a plant cell)</i>	By the end of the lesson the learner should be able to; i.State the functions of parts of a plant cell. ii. Describe the functions of parts of a plant cell. iii. Appreciate the need for a plant cell in life.	Learners to watch a video showing the parts of a plant cell. In groups, the learners to discuss the functions of parts of a plant cell. In pairs, the learners to draw the parts of plant cell.	What are some of the parts of a plant cell?	Active; Integrated science Learner's Book Grade 8 pg.77 Picture Video Charts	Oral questions Oral Report Observation Written exercise	
	2	LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope. <i>(animal cell)</i>	By the end of the lesson the learner should be able to; i.State the functions of parts of an animal cell. ii. Describe the adaptations of animal cell to its function. iii. Appreciate the need for an animal cell in animals.	Learners to observe a picture showing the parts of an animal cell. In groups the learners to discuss the functions of parts of a plant cell. In groups the learners to discuss the adaptation of an	What are some of the parts of an animal cell?	Active; Integrated science Learner's Book Grade 8 pg.78 Picture Video Charts	Oral questions Oral Report Observation Written exercise	

					animal cell to its function.				
		LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope.(<i>animal cell</i>)	By the end of the lesson the learner should be able to; i.State the functions of parts of an animal cell. ii. Describe the functions of an animal cell. iii. Appreciate the need for animal cell.	Learners to watch a video showing the parts of an animal cell. In groups, the learners to discuss the functions of parts of an animal cell. In pairs, the learners to draw an animal cell.	What are some of the parts of an animal cell?	Active; Integrated science Learner's Book Grade 8 pg.79 Picture Video Charts	Oral questions Oral Report Observation Written exercise	
4		LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope.(<i>animal cell</i>)	By the end of the lesson the learner should be able to; i.State the functions parts of an animal cell. ii. Describe the functions of parts of an animal cell. iii. Appreciate the need for various parts of an animal cell.	Learners to watch a video showing the parts of an animal cell. In groups, the learners to discuss the functions of parts of an animal cell. In pairs, the learners to draw an animal cell.	What are some of the parts of an animal cell?	Active; Integrated science Learner's Book Grade 8 pg.80 Picture Video Charts	Oral questions Oral Report Observation Written exercise	
5		LIVING THINGS AND THEIR ENVIRONMENT	Cell structure as seen under a light microscope.(<i>comparison between plant and animal cell</i>)	By the end of the lesson the learner should be able to; i.State the similarities and difference between	In groups, learners to discuss the similarities between plant and animal cell.	How is the plant cell different from an animal cell? What are the similarities	Active; Integrated science Learner's Book Grade 8 pg.81 Picture	Oral questions Oral Report Observation Written exercise	

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