

GRADE 10 LONGHORN COMPREHENSIVE GEOGRAPHY TERM 2 SCHEMES OF WORK

WK	LSN	STRAND	SUB-STRAND	LESSON LEARNING OUTCOMES	LEARNING EXPERIENCES	KEY INQUIRY QUESTIONS	LEARNING RESOURCES	ASSESSMENT METHODS	REF
1	1	Natural Systems and Processes	Rocks - Meaning and classification of rocks	By the end of the lesson, the learner should be able to: a) Define the term rock b) Classify rocks according to mode of formation and age c) Show curiosity in identifying different rock types in the environment	- Brainstorm on the meaning of rocks and share in class - Use print or digital resources to establish the classification of rocks - Draw flowcharts showing classification of rocks	How are rocks classified?	- Longhorn Comprehensive Geography pg. 92 - Digital resources - Rock samples - Charts	- Oral questions Observation - Written assignments	
	2	Natural Systems and Processes	Rocks - Igneous rocks formation and characteristics	By the end of the lesson, the learner should be able to: - Describe how igneous rocks are formed - Identify characteristics of igneous rocks - Collect and examine rock samples to understand their practical uses	- Watch video clips on formation of igneous rocks - Discuss characteristics of igneous rocks - Identify igneous rock samples	What makes igneous rocks different from other rock types?	- Longhorn Comprehensive Geography pg. 94 - Rock samples - Digital resources - Pictures of igneous rocks	- Oral questions - Observation - Practical identification	
	3	Natural Systems and Processes	Rocks - Intrusive and extrusive igneous rocks	By the end of the lesson, the learner should be able to: - Distinguish between intrusive and extrusive igneous rocks - List examples of igneous rocks - Relate rock formation processes to volcanic landscapes observed in Kenya	- Use reference materials to research on types of igneous rocks - Create charts showing igneous rocks - Collect picture cut-outs of different igneous rocks	How do intrusive and extrusive igneous rocks differ in formation?	- Longhorn Comprehensive Geography pg. 94 - Pictures and photographs - Digital resources - Rock samples	- Written tests - Observation - Portfolios	
	4	Natural Systems and Processes	Rocks - Sedimentary rocks formation and types	By the end of the lesson, the learner should be able to: - Explain how sedimentary rocks are formed - Classify sedimentary rocks into mechanically, organically and chemically formed - Connect sedimentary rock formation to everyday processes like soil deposition	Read information on sedimentary rocks Discuss the formation of sedimentary rocks - Identify examples of sedimentary rocks	How do sediments become solid rocks over time?	- - Longhorn Comprehensive Geography pg. 95 Rock samples - Digital resources Charts Observation	- Oral Questions Written assignments	

	5	Natural Systems and Processes	Rocks - Characteristics and uses of sedimentary rocks	By the end of the lesson, the learner should be able to: - Describe characteristics of sedimentary rocks - List uses of sedimentary rocks - Recognize sedimentary rocks in construction materials used in homes and roads	- Discuss characteristics of sedimentary rocks - Research on uses of sedimentary rocks - Examine sedimentary rock samples	Why are sedimentary rocks important in construction?	- Longhorn Comprehensive Geography pg. 95 - Rock samples - Reference books - Digital resources	- Oral questions Written tests - Practical identification	
2	1	Natural Systems and Processes	Rocks - Metamorphic rocks formation and examples	By the end of the lesson, the learner should be able to: - Describe the process of metamorphism - Give examples of metamorphic rocks - Link metamorphic rock formation to heat and pressure processes observable in nature	- Watch video on metamorphic rocks - Discuss the formation of metamorphic rocks - Identify metamorphic rock samples	How does heat and pressure transform existing rocks?	- Longhorn Comprehensive Geography pg. 96 - Rock samples - Digital resources - Pictures	- Oral questions Observation - Written assignments	
	2	Natural Systems and Processes	Rocks - Classification according to age	By the end of the lesson, the learner should be able to: - Classify rocks according to their geological age - Describe characteristics of Archaean, Palaeozoic, Mesozoic and Cainozoic rocks - Understand how Earth's history is recorded in rock layers	- Research on classification of rocks by age - Create timelines showing rock ages - Discuss characteristics of each age group	How do geologists determine the age of rocks?	- Longhorn Comprehensive Geography pg. 97 - Digital resources - Charts - Reference books	- Written tests Oral questions - Portfolios	
	3	Natural Systems and Processes	Rocks – Distribution of rocks in Kenya	By the end of the lesson, the learner should be able to: - Describe the distribution of igneous, sedimentary and metamorphic rocks in Kenya - Draw a map showing distribution of rocks in Kenya Identify rock types found in one's local area and their uses	- Listen to audio clips on distribution of rocks - Draw maps showing rock distribution Make collages showing distribution of rocks	Where are different rock types found in Kenya?	- Longhorn Comprehensive Geography pg. 98 - Maps of Kenya - Digital resources Atlases	- Map work Oral questions - Observation	