

BRACKEN RIDGE STATE HIGH SCHOOL

Year 8 Science

Overview

TERM ALLOCATION AND LENGTH	UNIT	SUB TOPICS	ASSESSMENT
Term 1 10 Weeks	Chemistry	<ul style="list-style-type: none">• The Scientific Method & Fair Testing• Chemical & Physical Changes• States of Matter• The Particle Model of Matter• Elements and compounds	<ul style="list-style-type: none">• Experimental Investigation – Chemical and physical change
Term 2 10 Weeks	Earth Science	<ul style="list-style-type: none">• The Structure of the Earth• Rock Types – Igneous, Sedimentary and Metamorphic• The Rock Cycle• Minerals & their Properties• Weathering & Erosion	<ul style="list-style-type: none">• Supervised exam 70 minutes – Rock cycle
Term 3 10 Weeks	Physics - Energy	<ul style="list-style-type: none">• Energy & Work• Forms of energy• Energy Transformations• Energy efficient design	<ul style="list-style-type: none">• Experimental Investigation – Energy transfers and transformation
Term 4 10 Weeks	Biology – Cells, Reproduction	<ul style="list-style-type: none">• Cells both animal & plant• Using Microscopes, prepared slides and wet mount• Human Reproduction• Reproduction in flowering plants	<ul style="list-style-type: none">• Supervised exam 70 minutes – Cells and reproduction

STRIVE TO ACCOMPLISH