

**Anacortes School District
Middle School Science Education
Scope and Sequence DRAFT**

36 Weeks/2 Semesters					
Life			Earth		
Seventh Grade Science Review: The Truth About Science: A Curriculum for Developing Young Scientists by Kathryn Kelsey Ashley Steel June Morita http://www.ncse.washington.edu/truth/					
7 th G R A D E	<u>From Bacteria to Plants</u> <ul style="list-style-type: none"> • Classification of Living Things (1.1.6) W • Viruses and Bacteria W 	<u>Cells and Heredity</u> <ul style="list-style-type: none"> • Cell Structure and Function (1.2.6) W • Cell Processes and Energy (1.3.8) W • Genetics and Heredity (1.1.6) W 	<u>Environmental Science</u> <ul style="list-style-type: none"> • Populations (1.3.10) W • Communities (1.3.10) W • Ecosystems (1.3.10) W 	<u>Inside Earth</u> <ul style="list-style-type: none"> • Minerals and Rocks (1.1.5) W • Plate Tectonics (1.3.4) • Earthquakes and Volcanoes (1.1.5) W 	<u>Earth's Changing Surface</u> <ul style="list-style-type: none"> • Weathering and Soil Formation (1.3.4) • Erosion and Deposition (1.3.4) • A Trip through Geologic Time (1.3.9) W
	Earth			Physical	
Eighth Grade Science Review: The Truth About Science: A Curriculum for Developing Young Scientists by Kathryn Kelsey Ashley Steel June Morita http://www.ncse.washington.edu/truth/					
8 th G R A D E	<u>Weather and Climate</u> <ul style="list-style-type: none"> • The Atmosphere and Hydrosphere (1.1.5, 1.2.4) W • Weather Factors (1.3.6) W • Weather Patterns • Climate and Climate Changes 	<u>Chemical Building Blocks</u> <ul style="list-style-type: none"> • An Introduction to Matter (1.1.1) W • Changes in Matter (1.3.3) W • Basic Elements and Basic Periodic Table (p.54 AAAS) 	<u>Chemical Interactions</u> <ul style="list-style-type: none"> • Basic Chemical Reactions (1.3.3) W • Atoms, Molecules, Elements, Compounds (1.2.3) W • Mixtures and Solutions (1.2.3) W 	<u>Motion, Forces, and Energy</u> <ul style="list-style-type: none"> • Motion (1.1.2) W • Forces (1.3.1) W • Energy and Heat (1.1.4) W 	<u>Sound and Light</u> <ul style="list-style-type: none"> • Characteristics of Waves (1.1.3) W • Sound (1.1.3) W • Light (1.1.3) W • Electromagnetic Spectrum (1.1.3) W
	STC/MS: Properties of Matter Kit				

- The Grade Level Expectations (GLE's) are denoted by the numbers in parentheses.
- The **W** represents the GLE's that will be tested on the Science WASL
- AAAS – American Association for the Advancement of Science – Project 206

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