



Pacing Guide: Science Grade 8

Week	Module/Unit
1 2 3	Module K Units 1, 2 & 3 – The Nature of Science (Review of 6th Grade material) Experimental Design, Variables, Models, Theory and Law, Lab Safety and Lab Tools, Data Analysis, metric measurement
4	Module G Unit 1 – The Universe Gravity, Composition of the Universe, Properties of Stars, Light –Years
5 6	Module G Unit 2 – The Solar System Formation of the Solar System, Properties of the Sun, Terrestrial vs. Gas Giant Planets, other Celestial Bodies
7 8	Module G Unit 3 – The Earth Moon Sun System Seasons, Rotation and Revolution, Relationship between Earth, Moon, and Sun, Tides
9 10 11 12	Module E Unit 1 – The Earth’s Surface (Lesson 1) Module E Unit 2 – Earth’s History Fossils, Relative Dating vs. Absolute Dating, Geologic Timescale
13 14 15	Module E Unit 1 – The Earth’s Surface (Lesson 2) Module E Unit 3 – Minerals and Rocks Module E Unit 1 – The Earth’s Surface (Lesson 2) Physical and Chemical Weathering Properties of Minerals, Minerals Identification, Rock Cycle, Types of Rocks
16 17 18 19	Module E Unit 4 – The Restless Earth Earth’s Structure, Theory of Plate Tectonics, Mountain Building, Earthquakes and Volcanoes
20 21 22 23	Module F Unit 1 – Water Module E Unit 1 – The Earth’s Surface (Lesson 3, 4 & 5) Properties of Water, Water Cycle, Watershed, Groundwater
24 25 26	Module F Unit 2 – Oceanography Ocean Geology, Properties of Oceans-Waves, and Currents
27 28 29	Module F Unit 3 – Earth’s Atmosphere Energy Budget, Composition of the Atmosphere, Energy in the Atmosphere, Wind
30 31 32 33 34 35 36	Module F Unit 4 – Weather and Climate Elements of Weather, Clouds, Climate Change



WEST SHORE SCHOOL DISTRICT

Pacing Guide: Science Grade 8
