



**Course Title:** Earth & Space Science

**Content Area:** Science

**Grade Level:** 6

## Scope and Sequence

Unit or Topic	Standards	Length of Time	Key Content	Assessment Tools	Scaffolding Strategies (Interventions, Special Education)	Resources & Materials
What is Science? The Scientific Method	3.3.6.A7	4 weeks	→Branches of Science → What is Earth Science? →Earth's Spheres →Steps of the Scientific Method →Qualitative/Quantitative Observations	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
Earth's Materials Rocks & Minerals	3.3.6.A1 3.3.6.A6 3.3.7.A1	4 weeks	→Characteristics/Properties of Minerals →Three Categories of Rocks →The Rock Cycle →Weathering (sediments)	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
Weathering, Erosion, and Deposition	3.3.8.A1 3.3.6.A2 3.3.7.A2	4 weeks	→Physical vs. Chemical Weathering	Teacher created assessments	Students are allowed to retest if needed.	All content is teacher created. Materials are

	3.3.7.A3		→Agents of Weathering & Erosion →Landforms	– homework, labs, quizzes, and tests.	Assessments are adapted as needed.	posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
Earth's Layers and Soil	3.3.6.A2	4 weeks	→Earth's Inner Layers →Convection Currents →Soil Formation →Soil Types →Soil Conservation	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
Plate Tectonics & Continental Drift	3.3.7.A3 3.3.8.A3 3.3.7.A1 3.2.6.B7 3.3.7.A6	4 weeks	→Alfred Wegener →Tectonic plates →3 Plate Boundaries →Continental Drift Evidence	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
Earthquakes & Volcanoes	3.3.7.A1 3.2.7.B7	4 weeks	→Types of Stress →Faults and Folds →Magnitude →Seismic Waves →Types of Volcanoes →Parts of a Volcano	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.

Water and the Water Cycle	3.3.6.A4 3.3.7.A4	4 weeks	→Properties of Water →Water's roles on Earth →Percentages of Earth's water →Water Cycle	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.
The Earth's Atmosphere Weather & Climate	3.3.6.A5 3.3.6.A6 3.3.7.A5 3.3.8.A5	4 weeks	→Layers of the Atmosphere →Properties of the layers →Weather/Precipitation →Clouds →Extreme Weather	Teacher created assessments – homework, labs, quizzes, and tests.	Students are allowed to retest if needed. Assessments are adapted as needed.	All content is teacher created. Materials are posted in Blackboard, Google Classroom, and/or handed out for interactive notebooks.