



Earth vol. 2

Grade Level: Kindergarten

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.2. Science (b) (2) (A,B,D,E)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.2. Science (b) (5) (A,B)	Students are expected to understand properties, characteristics, and patterns of objects found on Earth.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: <u>Core Cookies</u> PixWriter: Retell Lesson Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: <u>Beautiful Earth</u> PixWriter: Retell Lesson
§112.2. Science (b) (6) (A,D,E)	Students are expected to understand the importance of each part within a system.	Ch. 1 Lesson: "Inside the Earth" Project: Clay Model PixWriter: Model Sequence Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: <u>Beautiful Earth</u> Activity: Trip to an Aquarium PixWriter: Write About Aquarium
§112.2. Science (b) (7) (A,B,C)	Students are expected to understand some of the types of change occurring on the Earth.	Ch. 3 Easy Reader: <u>Earthquakes!</u> Activity: Safety Poster Activity: Shelter PixWriter: Write About Shelters Ch. 4 Easy Reader: <u>Erosion and Weathering</u> Experiment: Understanding Beach Erosion Ch. 5 Easy Reader: <u>Volcanoes</u>
§112.2. Science (b) (10) (A,B)	Students are expected to understand the properties and importance of rocks, soil, and water.	Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: <u>Beautiful Earth</u>





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Grade Level: First

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.3. Science (b) (2) (A,B,D,E)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.3. Science (b) (5) (A,B)	Students are expected to understand properties and characteristics of objects found on Earth.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering
§112.3. Science (b) (6) (A,C,D)	Students are expected to understand and observe simple systems and understand the importance of parts within the system.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies Project: Clay Model PixWriter: Model Sequence Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Activity: Trip to an Aquarium PixWriter: Write About Aquarium
§112.3. Science (b) (7) (A,B,C)	Students are expected to understand some of the types of change occurring on the Earth.	Ch. 3 Easy Reader: Earthquakes! Activity: Safety Poster Activity: Shelter PixWriter: Write About Shelters Ch. 4 Easy Reader: Erosion and Weathering Experiment: Understanding Beach Erosion Ch. 5 Easy Reader: Volcanoes
§112.3. Science (b) (10) (A,B,C)	Students are expected to understand the properties and importance of rocks, soil and water.	Ch. 1 Lesson: "Inside the Earth" Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Project: Glaciers Change Earth





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Grade Level: Second

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.4. Science (b) (2) (A,B,E,F)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.4. Science (b) (5) (A,B)	Students are expected to understand properties and characteristics of objects found on Earth.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering Project: Causing Erosion PixWriter: Write About Erosion
§112.4. Science (b) (6) (A,B)	Students are expected to understand and observe simple systems and understand the importance of parts within the system.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies Project: Clay Model PixWriter: Model Sequence Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Activity: Trip to an Aquarium PixWriter: Write About Aquarium Project How Much Water Does a Cactus Need? PixWriter: Observe Cactus
§112.4. Science (b) (7) (A,B,D)	Students are expected to understand some of the types of change occurring on the Earth.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: Earthquakes! Worksheet: Quake Cloze Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering Experiment: Understanding Beach Erosion PixWriter: Beach Experiment Ch. 5 Lesson: "Building Up of Earth" Easy Reader: Volcanoes Project: Making a Volcano PixWriter: Volcano Sequence





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Grade Level: Third

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.5. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.5. Science (b) (5) (A,B)	Students are expected to understand and observe simple systems and understand the importance of parts within the system.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies PixWriter: Core Chapter Retell Project: Clay Model PixWriter: Clay Sequence Project: Taking a Core Sample PixWriter: My Core Sample Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth
§112.5. Science (b) (6) (B)	Students are expected to understand how forces, such as volcanoes and earthquakes can alter the surface of the Earth.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: Earthquakes PixWriter: Retell Lesson and Easy Reader Worksheet: Quake Cloze Project: Making an Earthquake PixWriter: Write about Making an Earthquake Ch. 5 Lesson: "Building Up of Earth" Easy Reader: Volcanoes PixWriter: Retell Lesson and Easy Reader Project: Making a Volcano
§112.5. Science (b) (7) (A,B)	Students are expected to understand the different states of matter and how these can affect the Earth's surface.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies PixWriter: Retell Chapter Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth PixWriter: Retell Chapter and Easy Reader Project: Glaciers Change Earth PixWriter: Glacier Retell Ch. 4 Experiment: Understanding Beach Erosion PixWriter: Beach Experiment Ch. 5 Experiment: Sediment Experiment PixWriter: Retell Experiment Activity: Up or Down





Grade Level: Fourth

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TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.6. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.6. Science (b) (5) (A,B)	Students are expected to understand and observe complex systems and understand the importance of parts within the system.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: <u>Core Cookies</u> PixWriter: Core Chapter Retell Project: Clay Model PixWriter: Clay Sequence Project: Taking a Core Sample PixWriter: My Core Sample Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: <u>Beautiful Earth</u> Ch. 5 Experiment: Sediment Experiment PixWriter: Write About Experiment
§112.6. Science (b) (6) (A)	Students are expected to understand that change occurs on Earth's surface.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: <u>Earthquakes</u> PixWriter: Retell Lesson Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: <u>Erosion and Weathering</u> Experiment: Understanding Beach Erosion Project: Causing Erosion PixWriter: Write About Erosion Activity: Erosion Field Trip Ch. 5 Lesson: "Building Up the Earth" Easy Reader: <u>Volcanoes</u> Activity: Making Mountains
§112.6. Science (b) (7) (A,B)	Students are expected to understand how different states of matter occur and how these can affect the Earth's surface.	Ch. 2 Project: Glaciers Change Earth PixWriter: Glacier Retell Ch. 4 Experiment: Understanding Beach Erosion PixWriter: Beach Experiment Ch. 5 Experiment: Sediment Experiment PixWriter: Retell Experiment Activity: Up or Down
§112.6. Science (b) (11) (A)	Students are expected to understand some changes to the Earth's surface that have occurred over a large period of time.	Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: <u>Erosion and Weathering</u> PixWriter: Retell Lesson Activity: Erosion Field Trip Experiment: Chemical Erosion PixWriter: Write About Chemical Erosion Ch. 5 Activity: Making Mountains





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Grade Level: Fifth

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.7. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.7. Science (b) (5) (A,B)	Students are expected to understand and observe systems and understand some cycles and interactions occurring within the system.	Ch. 1 Lesson: "Inside the Earth" Worksheet: Diagram of Earth's Core Project: Clay Model PixWriter: Write About Model Project: Taking a Core Sample PixWriter: My Core Sample Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth
§112.7. Science (b) (6) (A)	Students are expected to understand that change occurs regularly on the Earth's surface.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: Earthquakes PixWriter: Retell Lesson Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering Project: Causing Erosion Ch. 5 Lesson: "Building Up of Earth" Easy Reader: Volcanoes Experiment: Sediment Experiment
§112.7. Science (b) (11) (A,B)	Students are expected to understand some changes to the Earth's surface have occurred over a long period of time.	Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering PixWriter: Retell Lesson Activity: Erosion Field Trip Experiment: Chemical Erosion PixWriter: Write About Chemical Erosion Ch. 5 Activity: Making Mountains
§112.7. Science (b) (12) (A,B)	Students are expected to understand how forces on Earth can create and destroy objects and formations in the world.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: Earthquakes PixWriter: Retell Lesson Worksheet: Quake Cloze Project: Making an Earthquake Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering Experiment: Understanding Beach Erosion PixWriter: Write About Beach Erosion Experiment: Chemical Erosion PixWriter: Write About Chemical Erosion Ch. 5 Experiment: Sediment Experiment PixWriter: Write About Sediment Experiment





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Grade Level: Sixth

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.22. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.22. Science (b) (5) (A,B)	Students are expected to understand interactions occurring within systems and among multiple systems.	Ch. 1 Lesson: "Inside the Earth" Easy Reader: Core Cookies Project: Taking a Core Sample PixWriter: My Core Sample
§112.22. Science (b) (6) (C)	Students are expected to understand and explain forces that have created and changed the Earth's surface.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: Earthquakes PixWriter: Retell Lesson Worksheet: Quake Cloze Project: Making an Earthquake Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: Erosion and Weathering Experiment: Understanding Beach Erosion PixWriter: Write About Beach Erosion Experiment: Chemical Erosion PixWriter: Write About Chemical Erosion Ch. 5 Lesson: "Building Up the Earth" Easy Reader: Volcanoes
§112.22. Science (b) (7) (B)	Students are expected to understand and describe substances by certain chemical and physical properties.	Ch. 1 Lesson: "Inside the Earth" Project: Taking a Core Sample PixWriter: My Core Sample Ch. 2 Lesson: "The Surface of the Earth" Easy Reader: Beautiful Earth Project: How Much Water Does a Cactus Need? Ch. 4 Experiment: Chemical Erosion Activity: Erosion Field Trip





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Grade Level: Seventh

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.23. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.23. Science (b) (5) (A,B)	Students are expected to understand how Earth changes in order to reach and maintain equilibrium.	Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: <u>Erosion and Weathering</u> Project: Causing Erosion PixWriter: Write About Erosion Ch. 5 Lesson: "Building Up the Earth" Easy Reader: <u>Volcanoes</u> Experiment: Sediment Experiment PixWriter: Write About Sediment Experiment Activity: Making Mountains PixWriter: Made Mountains
§112.23. Science (b) (14) (A)	Students are expected to understand the consequences of cataclysmic events occurring on Earth.	Ch. 3 Lesson: "Shake, Rattle and Roll" Easy Reader: <u>Earthquakes!</u> Activity: Making an Earthquake PixWriter: Earthquake Ch. 5 Lesson: "Wearing Down the Earth" PixWriter: <u>Volcanoes</u> Activity: Making a Volcano
§112.23. Science (b) (14) (B)	Students are expected to understand how erosion and weathering can affect the Earth and its inhabitants.	Ch. 4 Lesson: "Wearing Down the Earth" Easy Reader: <u>Erosion and Weathering</u> PixWriter: Retell Chapter and Easy Reader Experiment: Understanding Beach Erosion PixWriter: Write About Beach Experiment Project: Causing Erosion PixWriter: Write About Erosion Experiment: Chemical Erosion PixWriter: Write About Chemical Experiment





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Grade Level: Eighth

TEKS Objective	Student Expectations	Earth v2 and TEKS
§112.24. Science (b) (2) (A,B,C,D)	Students are expected to learn the scientific processes of formulating questions, investigating hypotheses, discussing results and reporting findings.	All lessons, activities, experiments, projects and quizzes support the scientific process.
§112.24. Science (b) (10) (A)	Students are expected to understand and describe some complex interactions occurring on the Earth.	Ch. 3 Lesson: “Shake, Rattle and Roll” Easy Reader: <u>Earthquakes</u> Ch. 4 Lesson: “Wearing Down the Earth” Easy Reader: <u>Erosion and Weathering</u> Experiment: Understanding Beach Erosion PixWriter: Beach Erosion Ch. 5 Lesson: “Building Up the Earth” Easy Reader: <u>Volcanoes</u> Activity: Up or Down
§112.24. Science (b) (12) (B)	Students are expected to understand the role the ocean has in changing the climate.	Ch. 2 Lesson: “The Surface of the Earth” PixWriter: Retell Chapter Lesson
§112.24. Science (b) (14) (A)	Students are expected to understand how natural events, such as volcanoes, can alter the Earth’s surface.	Ch. 2 Lesson: “The Surface of the Earth” Project: Glaciers Change Earth PixWriter: Glacier Retell Ch. 3 Lesson: “Shake, Rattle and Roll” Easy Reader: <u>Earthquakes</u> Ch. 4 Lesson: “Wearing Down the Earth” Easy Reader: <u>Erosion and Weathering</u> Experiment: Causing Erosion PixWriter: Write About Erosion Ch. 5 Lesson: “Building Up the Earth” Easy Reader: <u>Volcanoes</u>

