

The tables that follow are designed to provide information about the content of each benchmark modular assessment **by grade and subject**. In the table you will find the name of the benchmark module, a brief description of the skills the module assesses, the names of each test form (e.g. A, B, C, etc.), and the number of test items on each form.

Benchmark Modules: Science Grade 4

Test Name	What This Test Measures	Form	Number of Items	Standards
Benchmark Module: Science Grade 4 – Earth Science Standard 1	This test measures the student's ability to describe the relationship between heat energy, evaporation, and condensation of water on Earth and to describe the water cycle.	A	12	4.I.1a-4.I.1d 4.I.2a-4.I.2d
		B	11	4.I.1a-4.I.1d 4.I.2a-4.I.2d
		C	11	4.I.1a-4.I.1c 4.I.2a 4.I.2c 4.I.2e
Benchmark Module: Science Grade 4 – Earth Science Standard 2	This test measures the student's ability to observe, measure, and record the basic elements of weather; interpret recorded weather data for simple patterns; and evaluate weather predictions based on observational data.	A	19	4.II.1a-4.II.1d 4.II.2a-4.II.2c 4.II.3a-4.II.3c
		B	18	4.II.1a-4.II.1c 4.II.2a-4.II.2c 4.II.3a 4.II.3c-4.II.3d
		C	18	4.II.1a-4.II.1d 4.II.2a-4.II.2c 4.II.3a 4.II.3c 4.II.3e
Benchmark Module: Science Grade 4 – Earth Science Standard 3	This test measures the student's ability to identify basic properties of minerals and rocks, explain how the processes of weathering and erosion change and move materials that become soil, and observe the basic components of soil and relate the components to plant growth.	A	18	4.III.1a 4.III.1c-4.III.1d 4.III.2a-4.III.2b 4.III.3a-4.III.3d
		B	18	4.III.1a 4.III.1c-4.III.1d 4.III.2a-4.III.2c 4.III.3a-4.III.3d
		C	18	4.III.1b-4.III.1d 4.III.2a-4.III.2b 4.III.3a-4.III.3c

				4.III.3e
Benchmark Module: Science Grade 4 – Earth Science Standard 4	This test measures the student's ability to describe Utah fossils and explain how they were formed and to explain how fossils can be used to make inferences about past life, climate, geology, and environments.	A	12	4.IV.1a-4.IV.1b 4.IV.2a-4.IV.2c
		B	12	4.IV.1a-4.IV.1c 4.IV.2b-4.IV.2c
Benchmark Module: Science Grade 4 – Life Science Standard 1	This test measures the student's ability to describe the physical characteristics of Utah's wetlands, forests, and deserts; identify common plants and animals found in Utah environments; use a simple scheme to classify Utah plants and animals; and observe and record the behavior of Utah animals.	A	17	4.V.1a 4.V.1c-4.V.1d 4.V.2a-4.V.2c 4.V.2e 4.V.3a-4.V.3b 4.V.4a-4.V.4c 4.V.4e
		B	19	4.V.1a-4.V.1b 4.V.1d 4.V.2a-4.V.2c 4.V.2e 4.V.3a-4.V.3b 4.V.4a-4.V.4c 4.V.4e
		C	19	4.V.1a 4.V.1c-4.V.1d 4.V.2a-4.V.2b 4.V.2d-4.V.2e 4.V.3a-4.V.3b 4.V.4a-4.V.4b 4.V.4d-4.V.4e

Benchmark Modules: Science Grade 5

Test Name	What This Test Measures	Form	Number of Items	Standards
Benchmark Module: Science Grade 5 – Chemistry Standard 1	This test measures the student’s ability to describe that matter is neither created nor destroyed (even though it may undergo a change), evaluate evidence that indicates a physical change has occurred, and investigate evidence for changes in matter that occur during a chemical reaction.	A	16	5.I.1a-5.I.1d 5.I.2a-5.I.2b 5.I.3a-5.I.3d
		B	17	5.I.1a-5.I.1d 5.I.2b 5.I.3a 5.I.3c-5.I.3d
		C	17	5.I.1b-5.I.1d 5.I.2b 5.I.3a-5.I.3d
Benchmark Module: Science Grade 5 – Earth Science Standard 2	This test measures the student’s ability to describe how weathering and erosion change Earth’s surface; explain how volcanoes, earthquakes, and uplift affect Earth’s surface; and relate the building up and breaking down of Earth’s surface over time to the various physical land features.	A	16	5.II.1a-5.II.1c 5.II.2c-5.II.2d 5.II.3a-5.II.3c
		B	16	5.II.1a-5.II.1c 5.II.2b-5.II.2d 5.II.3a-5.II.3d
		C	15	5.II.1a-5.II.1c 5.II.2b-5.II.2d 5.II.3a-5.II.3d
Benchmark Module: Science Grade 5 – Physics Standard 3	This test measures the student’s ability to investigate and compare the behavior of magnetism using magnets and to describe how the magnetic field of Earth and a magnet are similar.	A	13	5.III.1a-5.III.1c 5.III.2a-5.III.2d
		B	13	5.III.1a 5.III.1c-5.III.1d 5.III.2a-5.III.2d
		C	13	5.III.1a-5.III.1d 5.III.2a-5.III.2d
Benchmark Module: Science Grade 5 – Physics Standard 4	This test measures the student’s ability to describe the behavior of static electricity in nature and everyday occurrences, as well as analyze the behavior of current electricity.	A	14	5.IV.1a-5.IV.1b 5.IV.1d-5.IV.1e 5.IV.2a-5.IV.2c 5.IV.2e
		B	14	5.IV.1a-5.IV.1c 5.IV.1e 5.IV.2a-5.IV.2c 5.IV.2e
		C	14	5.IV.1a-5.IV.1c 5.IV.1e 5.IV.2a-5.IV.2e
Benchmark Module: Science Grade 5 – Life	This test measures the student’s ability to use supporting evidence to show that traits are	A	13	5.V.1a-5.V.1d 5.V.2a-5.V.2d

Science Standard 5	transferred from a parent organism to its offspring, as well as describe how some characteristics could give a species a survival advantage in a particular environment.	B	13	5.V.1a-5.V.1d 5.V.2a-5.V.2d
		C	13	5.V.1b-5.V.1d 5.V.2a-5.V.2d