

Number	Science Sample Test	Assessment Grade	Grade Band	Science and Engineering Practice	Crosscutting Concept	Science Domain	Science Domain + Unit	Supporting Content	Standard
1	Modular: Science - High School Earth Space Science - History of Earth 2	11	High (9-12)	Developing and Using Models	Energy and Matter	Earth and Space Sciences	ESS2: Earth's Systems	Earth Materials and Systems & Plate Tectonics and Large-Scale System Interactions & Wave Properties	ESS2-HS-3
2	Modular: Science - High School Earth Space Science - History of Earth 1	11	High (9-12)	Constructing Explanations and Designing Solutions	Stability and Change	Earth and Space Sciences	ESS1: Earth's Place in the Universe	The History of Planet Earth & Nuclear Processes	ESS1-HS-6
3	Modular: Science - High School Life Science - Inheritance and Variation of Traits	11	High (9-12)	Engaging in Argument from Evidence	Cause and Effect	Life Sciences	LS3: Heredity: Inheritance and Variation of Traits	Variation of Traits	LS3-HS-2
4	Modular: Science - High School Life Science - Interdependent Relationships in Ecosystems	11	High (9-12)	Using Mathematics and Computational Thinking	Scale, Proportion and Quantity	Life Sciences	LS2: Ecosystems: Interactions, Energy and Dynamics	Interdependent Relationships in Ecosystems & Ecosystem Dynamics, Functioning, and Resilience	LS2-HS-2
5	Modular: Science - High School Life Science - Matter and Energy in Organisms and Ecosystems	11	High (9-12)	Developing and Using Models	Energy and Matter	Life Sciences	LS1: Molecules to Organisms: Structure and Processes	Organization for Matter and Energy Flow in Organisms	LS1-HS-5
6	Modular: Science - High School Life Science - Natural Selection and Evolution	11	High (9-12)	Obtaining, Evaluating and Communicating Information	Patterns	Life Sciences	LS4: Biological Adaptation: Unity and Diversity	Evidence of Common Ancestry and Diversity	LS4-HS-1
7	Modular: Science - High School Physical Science - Chemical Reactions	11	High (9-12)	Constructing Explanations and Designing Solutions	Patterns	Physical Sciences (Chemistry)	PSC2: Structure and Properties of Matter & Chemical Reactions (Chemistry)	Structure and Properties of Matter & Chemical Reactions (Chemistry)	PSC2-HS-1
8	Modular: Science - High School Physical Science - Energy	11	High (9-12)	Using Mathematics and Computational Thinking	Systems and System Models	Physical Sciences (Physics)	PSP2: Energy (Physics)	Definitions of Energy & Conservation of Energy and Energy Transfer (Physics)	PSP2-HS-1
9	Modular: Science - High School Physical Science - Structure and Property of Matter	11	High (9-12)	Developing and Using Models	Patterns	Physical Sciences (Chemistry)	PSC1: Structure and Properties of Matter & Chemical Reactions (Chemistry)	Structure and Properties of Matter & Types of Interactions (Chemistry)	PSC1-HS-2

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10	Modular: Science - High School Physical Science - Waves and Electromagnetic Radiation	11	High (9-12)	Using Mathematics and Computational Thinking	Cause and Effect	Physical Sciences (Physics)	PSP3: Waves (Physics)	Wave Properties (Physics)	PSP3-HS-1
11	Modular: Science - High School Earth Space Science - Human Sustainability 2	11	High (9-12)	Using Mathematics and Computational Thinking	Stability and Change	Earth and Space Sciences	ESS3: Earth and Human Activity	Human Impacts on Earth Systems	ESS3-HS-3
12	Modular: Science - High School Earth Space Science - Space Systems 1	11	High (9-12)	Obtaining, Evaluating and Communicating Information	Energy and Matter	Earth and Space Sciences	ESS1: Earth's Place in the Universe	The Universe and Its Stars	ESS1-HS-3
13	Modular: Science - High School Earth Space Science - Weather and Climate 2	11	High (9-12)	Developing and Using Models	Cause and Effect	Earth and Space Sciences	ESS2: Earth's Systems	Earth and the Solar System & Earth Materials and Systems & Weather and Climate	ESS2-HS-4
14	Modular: Science - High School Life Science - Structure and Function 1	11	High (9-12)	Developing and Using Models	Systems and System Models	Life Sciences	LS1: Molecules to Organisms: Structure and Processes	Structure and Function	LS1-HS-2
15	Modular: Science - High School Physical Science - Forces and Interactions 1	11	High (9-12)	Using Mathematics and Computational Thinking	Systems and System Models	Physical Sciences (Physics)	PSP1: Motion and Stability: Forces and Interactions (Physics)	Forces and Motion (Physics)	PSP1-HS-2
16	Modular: Science - High School Earth Space Science - Human Sustainability 1	11	High (9-12)	Constructing Explanations and Designing Solutions	Stability and Change	Earth and Space Sciences	ESS3: Earth and Human Activity	Human Impacts on Earth Systems & Developing Possible Solutions	ESS3-HS-4
17	Modular: Science - High School Earth Space Science - Space Systems 2	11	High (9-12)	Using Mathematics and Computational Thinking	Scale, Proportion and Quantity	Earth and Space Sciences	ESS1: Earth's Place in the Universe	Earth and the Solar System	ESS1-HS-4
18	Modular: Science - High School Earth Space Science - Weather and Climate 1	11	High (9-12)	Analyzing and Interpreting Data	Stability and Change	Earth and Space Sciences	ESS3: Earth and Human Activity	Human Impacts on Earth Systems	ESS3-HS-5

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19	Modular: Science - High School Life Science - Structure and Function 2	11	High (9-12)	Planning and Carrying Out Investigations	Stability and Change	Life Sciences	LS1: Molecules to Organisms: Structure and Processes	Structure and Function	LS1-HS-3
20	Modular: Science - High School Physical Science - Forces and Interactions 2	11	High (9-12)	Planning and Carrying Out Investigations	Cause and Effect	Physical Sciences (Physics)	PSP1: Motion and Stability: Forces and Interactions (Physics)	Types of Interactions & Definitions of Energy (Physics)	PSP1-HS-5

Key:

Earth and Space Science	Life Science	Physical Science (Chemistry & Physics)
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