

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 - Middle School Earth Space Science - History of Earth 2	8	Middle (6-8)	Developing and Using Models	Stability and Change	Earth and Space Sciences	ESS2: Earth's Place in the Universe	The Universe and Its Stars & Earth and the Solar System	ESS2-MS-1
2	Modular: Science - Middle School Earth Space Science - History of Earth 1	8	Middle (6-8)	Constructing Explanations and Designing Solutions	Scale, Proportion and Quantity	Earth and Space Sciences	ESS1: Earth's Place in the Universe	History of Earth	ESS1-MS-4
3	Modular: Science - Middle School Earth Space Science - Human Impacts	8	Middle (6-8)	Constructing Explanations and Designing Solutions	Cause and Effect	Earth and Space Sciences	ESS3: Earth and Human Activity	Human Impacts on Earth Systems	ESS3-MS-3
4	Modular: Science - Middle School Earth Space Science - Weather and Climate	8	Middle (6-8)	Planning and Carrying Out Investigations	Cause and Effect	Earth and Space Sciences	ESS2: Earth's Systems	The Roles of Water in Earth's Surface Processes & Weather and Climate	ESS2-MS-5
5	Modular: Science - Middle School Life Science - Independent Relationships in Ecosystems	8	Middle (6-8)	Constructing Explanations and Designing Solutions	Patterns	Life Science	LS2: Ecosystems: Interactions, Energy, and Dynamics	Interdependent Relationships in Ecosystems	LS2-MS-2
6	Modular: Science - Middle School Life Science - Matter and Energy in Organisms and Ecosystems	8	Middle (6-8)	Developing and Using Models	Energy and Matter	Life Science	LS1: Molecules to Organisms: Structure and Process	Organization for Matter and Energy Flow in Organisms	LS1-MS-6
7	Modular: Science - Middle School Physical Science - Chemical Reactions	8	Middle (6-8)	Developing and Using Models	Energy and Matter	Physical Science	PS1: Matter and Its Interactions	Chemical Reactions	PS1-MS-5
8	Modular: Science - Middle School Physical Science - Energy	8	Middle (6-8)	Constructing Explanations and Designing Solutions	Energy and Matter	Physical Science	PS3: Energy	Definitions of Energy & Conservation of Energy and Energy Transfer & Defining and Delimiting an Engineering Problem & Developing Possible Solutions	PS3-MS-3

Number	Science Sample Test	Assessment Grade	Grade Band	Science and Engineering Practice	Crosscutting Concept	Science Domain	Science Domain + Unit	Supporting Content	Standard
9	Modular: Science - Middle School Physical Science - Forces and Interactions	8	Middle (6-8)	Planning and Carrying Out Investigations	Stability and Change	Physical Science	PS2: Motion and Stability: Forces and Interactions	Forces and Motion	PS2-MS-2
10	Modular: Science - Middle School Physical Science - Structure and Property of Matter	8	Middle (6-8)	Developing and Using Models	Cause and Effect	Physical Science	PS1: Matter and Its Interactions	Structure and Properties of Matter & Definitions of Energy	PS1-MS-4
11	Modular: Science - Middle School Earth Space Science - Space Systems 1	8	Middle (6-8)	Developing and Using Models	Patterns	Earth and Space Sciences	ESS1: Earth's Place in the Universe	The Universe and Its Stars & Earth and the Solar System	ESS1-MS-1
12	Modular: Science - Middle School Life Science - Growth, Development and Reproduction of Organisms 2	8	Middle (6-8)	Developing and Using Models	Structure and Function	Life Science	LS3: Hereditary: Inheritance and Variation of Traits	Inheritance of Traits & Variation of Traits	LS3-MS-1
13	Modular: Science - Middle School Life Science - Natural Selection and Adaptations 1	8	Middle (6-8)	Constructing Explanations and Designing Solutions	Cause and Effect	Life Science	LS4: Biological Adaptation: Unity and Diversity	Natural Selection	LS4-MS-4
14	Modular: Science - Middle School Life Science - Structure, Function and Information Processing 1	8	Middle (6-8)	Engaging in Argument from Evidence	Systems and System Models	Life Science	LS1: Molecules to Organisms: Structure and Process	Structure and Function	LS1-MS-3
15	Modular: Science - Middle School Physical Science - Waves and Electromagnetic Radiation 2	8	Middle (6-8)	Using Mathematics and Computational Thinking	Patterns	Physical Science	PS4: Waves	Wave Properties	PS4-MS-1
16	Modular: Science - Middle School Life Science - Growth, Development and Reproduction of Organisms 1	8	Middle (6-8)	Developing and Using Models	Cause and Effect	Life Science	LS3: Hereditary: Inheritance and Variation of Traits	Growth and Development of Organisms & Inheritance of Traits & Variation of Traits	LS3-MS-2

Number	Science Sample Test	Assessment Grade	Grade Band	Science and Engineering Practice	Crosscutting Concept	Science Domain	Science Domain + Unit	Supporting Content	Standard
17	Modular: Science - Middle School Earth Space Science - Space Systems 2	8	Middle (6-8)	Developing and Using Models	Systems and System Models	Earth and Space Sciences	ESS1: Earth's Place in the Universe	The Universe and Its Stars & Earth and the Solar System	ESS1-MS-2
18	Modular: Science - Middle School Life Science - Natural Selection and Adaptations 2	8	Middle (6-8)	Using Mathematics and Computational Thinking	Cause and Effect	Life Science	LS4: Biological Adaptation: Unity and Diversity	Adaptation	LS4-MS-6
19	Modular: Science - Middle School Physical Science - Waves and Electromagnetic Radiation 1	8	Middle (6-8)	Developing and Using Models	Structure and Function	Physical Science	PS4: Waves	Wave Properties & Electromagnetic Radiation	PS4-MS-2

Key:	Earth and Space Science	Life Science	Physical Science
-------------	-------------------------	--------------	------------------