Science 6_MMS

Guide

T1 (55 Days)			
Resource(s)/ Chapter(s)	**Focus/Topic**	**Standard(s)**	**Duration of Instruction**
Inspire Science (Grade 6) – McGraw Hill: 2020	Introduction to the Nature of Science: Independent, Dependent, and Control Variables Observation and Inference	Disciplinary Core Ideas/ Science and Engineering Practices/ Crosscutting Concepts	6 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 1, Lesson 1 **IXL HH.1,6** **Nearpod:** *Reasons for the Seasons*	Sun-Earth-Moon System Causes of Day and Night Cycles, and Seasonal Changes	6.1.1	12 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 1, Lessons 2,3 **IXL HH.3,4,5** **Nearpod:** *Moon Phases; Solar and Lunar Eclipses*	Lunar Phases, Eclipses of the Sun and Moon, and Moon Exploration	6.1.1	18 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 2, Lesson 1 **Phet Interactive Simulation (phet.colorado.edu):** Gravity and Orbits	Gravity and Inertia	6.1.2	4 Days
Inspire Science (Grade 6) – McGraw Hill:	Scale and Properties of Objects in the Solar System	6.1.3	15 Days (Split with T2)

2020 Mod 2, Lesson 2 **IXL HH.7**			

*No Extra Days

T2 (55 Days)			
Resource(s)/ Chapter(s)	**Focus/Topic**	**Standard(s)**	**Duration of Instruction**
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 2, Lesson 2	Scale and Properties of Objects in the Solar System	6.1.3	9 Days (Split with T1)
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 3, Lessons 1,4 **IXL E.1,2,3** **Nearpod:** *Molecules* **Phet Interactive Simulation (phet.colorado.edu):** Build a Molecule	Atoms and Molecules Develop Models of Molecules/ Chemical Formulas	6.2.1	15 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 4, Lesson 1	Heat Energy and States of Matter	6.2.2	3 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 4, Lesson 1 **IXL K.1,2,3** **Phet Interactive Simulation (phet.colorado.edu):** States of Matter	Thermal Energy and Particle Motion	6.2.3	4 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 4, Lesson 3 **IXL J.1,2** **Nearpod:** *Heat Transfer*	Heat Energy Transfer Designing Solutions Conduction, Convection, and Radiation	6.2.4	10 Days

Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 5, Lessons 1,2 **IXL DD.2,3** **Nearpod:** *The Water Cycle*	The Water Cycle	6.3.1	9 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 6, Lesson 3	Air Masses and Weather Fronts	6.3.2	5 Days (Split with T3)

*No Extra Days

T3 (63 Days)			
Resource(s)/ Chapter(s)	**Focus/Topic**	**Standard(s)**	**Duration of Instruction**
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 6, Lesson 3 **IXL EE.1,2** **Nearpod:** *Cold/Warm Fronts*	Air Masses and Weather Fronts	6.3.2	10 Days (Split with T2)
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 6, Lesson 2	Global Winds	6.3.3	2 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 6, Lesson 1 **IXL EE.4**	Greenhouse Effect	6.3.4	3 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 8, Lesson 1	Effects of Resource Availability on Organisms in Ecosystems	6.4.1	11 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 8, Lesson 2 **IXL X.5**	Ecological Interactions: Competition, Predation, Mutualism, Parasitism, Commensalism	6.4.2	8 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 7, Lesson 2 **IXL X.1,2,3** **Nearpod:** *Food Webs*	Abiotic and Biotic Factors in Ecosystems Food Webs: Producers, Consumers, and Decomposers	6.4.3	7 Days
Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 8, Lesson 3	Stability and Change in Ecosystems	6.4.4	6 Days

Inspire Science (Grade 6) – McGraw Hill: 2020 Mod 9, Lessons 1,2	Designing Solutions Protecting Ecosystem Services and Maintaining Stability	6.4.5	9 Days

*7 Extra Days – Review all standards in preparation for testing