

NVMS will be using HQIM Amplify Science Curriculum during the 2024/2025 school year.

Grade 6 Year at a Glance						
Week #	Week of	Unit	Performance Expectation	Disciplinary Core Ideas	Science & Engineering Practices	Cross Cutting Concepts
1	Aug 12	Introduction to Science				
2	Aug 19	Science Safety				
3	Aug 26	Launch Unit Microbiome 11 Lessons	• MS-LS1-1 • MS-LS1-2 • MS-LS1-3 • MS-LS2-1 • MS-LS2-2	• LS1.A • LS2.A	• Planning and Carrying Out Investigations • Analyzing and Interpreting Data • Constructing Explanations and Designing Solutions • Engaging in Argument from Evidence	• Scale, Proportion, and Quantity • Stability and Change • Cause and Effect • Patterns
4	Sept 2					
5	Sept 9					
6	Sept 16					
7	Sept 23	Metabolism 19 Lessons	• MS-LS1-1 • MS-LS1-2 • MS-LS1-3 • MS-LS1-7 • MS-LS1-8	• LS1.A • LS1.C • LS1.D • PS3.D	• Developing and Using Models • Constructing Explanations and Designing Solutions • Engaging in Argument from Evidence • Obtaining, Evaluating, and Communicating Information	• Systems and System Models • Energy and Matter • Scale, Proportion, and Quantity
8	Sept 30					
9	Oct 7					
10	Oct 14					
11	Oct 21					
12	Oct 28	Engineering Internship: Metabolism 10 Lessons (if time allows)	• MS-ETS1-1 • MS-ETS1-2 • MS-ETS1-3 • MS-ETS1-4 • MS-LS1-7	• ETS1.A • ETS1.B • ETS1.C • LS1.C	• Developing and Using Models • Analyzing and Interpreting Data • Engaging in Argument from Evidence	• Scale, Proportion, and Quantity • Energy and Matter • Cause and Effect • Patterns
13	Nov 4					
14	Nov 11					
15	Nov 18	Traits and Reproduction 19 Lessons	• MS-LS1-2 • MS-LS1-3 • MS-LS1-4 • MS-LS1-5 • MS-LS3-1 • MS-LS3-2 • MS-LS4-5	• LS1.A • LS1.B • LS3.A • LS3.B • LS4.B	• Developing and Using Models • Planning and Carrying Out Investigations • Constructing Explanations and Designing Solutions • Engaging in Argument from Evidence	• Structure and Function • Cause and Effect • Scale, Proportion, and Quantity
16	Dec 2					
17	Dec 9					
18	Dec 16					
19	Jan 6					
20	Jan 13	Thermal Energy 19 Lessons	• MS-PS1-1 • MS-PS1-4 • MS-PS2-1 • MS-PS3-3 • MS-PS3-4 • MS-PS3-5	• PS3.A • PS3.B • PS2.A • PS3.A • PS3.C	• Developing and Using Models • Constructing Explanations and Designing Solutions • Engaging in Argument from Evidence • Obtaining, Evaluating, and Communicating Information	• Stability and Change • Energy and Matter • Scale, Proportion, and Quantity • Systems and System Models
21	Jan 20					
22	Jan 27					
23	Feb 3					
24	Feb 10					

25	Feb 17	Ocean, Atmosphere and Climate 19 Lessons	• MS-ESS2-3 • MS-ESS2-5 • MS-ESS2-6 • MS-ESS3-2 • MS-PS1-4 • MS-PS3-3	• ESS2.D • ESS2.B • ESS2.C • ESS3.B • PS3.A • PS3.B	• Developing and Using Models • Analyzing and Interpreting Data • Constructing Explanations and Designing Solutions	• Cause and Effect • Scale, Proportion, and Quantity • Energy and Matter • Patterns
26	Feb 24					
27	Mar 3					
28	Mar 10					
29	Mar 17					
30	Mar 31	Weather Patterns	• MS-ESS2-1 • MS-ESS2-4 • MS-ESS2-5 • MS-ESS2-6 • MS-ESS3-2 • MS-PS1-4 • MS-PS3-3	• ESS2.C • ESS2.D • ESS2.A • ESS2.D • ESS3.B • PS3.A • PS3.B	• Developing and Using Models • Planning and Carrying Out Investigations	• Stability and Change • Cause and Effect • Energy and Matter
31	Apr 7					
32	Apr 14					
33	Apr 21					
34	Apr 28	Earth's Changing Climate 19 Lessons	• MS-ESS3-2 • MS-ESS3-3 • MS-ESS3-4 • MS-ESS3-5 • MS-LS2-1 • MS-LS2-4	• ESS3.C • ESS3.D • ESS2.A • ESS2.D • ESS3.B • LS2.A • LS2.C	• Developing and Using Models • Constructing Explanations and Designing Solutions • Stability and Change • Systems and System Models • Cause and Effect • Energy and Matter	• Stability and Change • Systems and System Models • Cause and Effect • Energy and Matter
35	May 5					
36	May 12					
37	May 19					

*Earth's Changing Climate Engineering Internship will be completed as time allows.