Module 1: Living and Working Undersea

Lesson 1 - Mayday!
Speaking & Listening
SL.6.1; SL.6.2; SL.7.1; SL.7.3; SL.8.1; SL.8.3

Lesson 2 - Under Pressure – Boyles Law
The Number System
6. NS.B.3
Expressions and Equations
6. EE.A.1; 6.EE.B.6; 6.EE.B.7; 6.EE.B.8; 7.EE.A.2

Reading: Informational Text
RI.6.1; RI.7.1; RI.8.1

Lesson 3 – Dive in – Henry’s Law
Speaking & Listening
SL.6.1; SL.6.2; SL.7.1; SL.7.2; SL.8.1; SL.8.2

Reading Science and Technical Subjects
RST.6-8.3; RST.6-8.9

Module 2: Life on the Reef

Lesson 1 - Coral Creations
Structure and Function in Living Systems
7.5a

Speaking and Listening
SL.7.1; SL.7.4; SL.8.1; SL.8.4

Reading Science and Technical Subjects
RST.6-8.1; RST.6-8.7

Lesson 2 - Where in the World is my Coral Larvae?
Genetics
7.2a

Investigation & Experimentation
Lesson 3 - Fish Detective
Investigation and Experimentation
6.7c; 7.7c

Writing
W.6.4; W.7.4; W.8.4

Language
L.6.1; L.7.1; L.8.1; L.6.5; L.7.5; L.8.5

Speaking and Listening
SL.6.1; SL.7.1; SL.8.1; SL.6.3; SL.7.3; SL.8.3; SL.6.6; SL.7.6; SL.8.6

Statistics & Probability
6. SP.A.1; 7.SP.A.1; 6.SP.A.2; 7.SP.A.2; 6.SP.B.4; 7.SP.B.4; 6.SP.B.5

Lesson 4 - Connect to Protect
Reading literature
RL.6.1; RL.7.1; RL.8.1

Reading: Informational Text
RI.6.1; RI.7.1; RI.7.8; RI.8.1

Writing
W.6.8; W.7.1; W.7.7; W.7.8; W.8.1; W.8.8

Speaking and Listening
SL.6.1; SL.6.2; SL.6.3; SL.6.4; SL.7.1; SL.7.2; SL.7.3; SL.7.4; SL.8.1; SL.8.2; SL.8.3; SL.8.4

Module 3: Seas of Change

Lesson 1 - Can you take the Heat?
Lesson 2 - More Acidity, More Problems
Investigation and Experimentation
6.7d; 7.7c; 7.7e

Reading: Informational Text
RI.6.1; RI.6.2; RI.6.4; RI.6.8; RI.7.1; RI.7.2; RI.8.1

Writing
W.6.9; W.7.9; W.8.9

Speaking & Listening
SL.6.1; SL.6.2; SL.7.1; SL.7.2; SL.8.1; SL.8.2; SL.8.4

Statistics & Probability
6.SP.A.2; 6.SP.B.5; 7.SP.C.5; 8.SP.A.1

Reading Science and Technical Subjects
RST.6-8.1; RST. 6-8.2; RST.6-8.6; RST.6-8.1

Lesson 3 - SOS: Rising Seas
Investigation and Experimentation
6.7a; 7.7c; 8.9a
Module 4: Space Prep

Lesson 1 - Designing an Autonomous Underwater Vehicle
Motion
8.1.b; 8.1e

Reading Science & Technical Subjects
RST.6-8.3

Lesson 2 - Buoyancy – From Sea to Space
Density & Buoyancy
8.8a; 8.8b; 8.8c; 8.8d

Investigation and Experimentation
6.7a; 6.7d; 7.7e; 8.9a

Speaking and Listening
SL.6.1; SL.7.1; SL.8.1;

Reading Science and Technical Subjects
RST.6-8.3; RST.6-8.6

The Number System
6. NS.B.3; 6.NS.C.5

Lesson 3 - The Best Analog
Investigation and Experimentation
6.7d; 7.7b; 7.7e

Reading Informational Text
RI.6.1; RI.7.1; RI.8.1
Speaking and Listening
SL.7.1; SL.6.4; SL.7.1; SL.7.4; SL.8.1; SL.8.4

Reading Science and Technical Subjects
RST.6-8.1; RST.6-8.2