Module 1: Living and Working Undersea

Lesson 1 - Mayday!
Speaking and Listening
SL.9-10.1; SL.9-10.3; SL.9-10.4; SL.11-12.1; SL.11-12.3; SL.11-12.4

Lesson 2 - Under Pressure – Boyles Law
Seeing Structure in Expressions
HSA-CED.A.1

Reasoning with Equations & Inequalities
HSA-REI.A.1

Reading Science & Technical Subjects
RST.9-10.1; RST.9-10.4; RST.11-12.1; RST.11-12.4

Lesson 3 – Dive in – Henry’s Law
Speaking & Listening
SL.9-10.1; SL.11-12.1

Reading Science & Technical Subjects
RST.9-10.3; RST.9-10.5; RST.11-12.3; RST.11-12.5

Module 2: Life on the Reef

Lesson 1 - Coral Creations
Speaking and Listening
SL.9-10.1; SL.9-10.4; SL.11-12.1; SL.11-12.4

Reading Science & Technical Subjects
RST.9-10.3; RST.11-12.3

Lesson 2 - Where in the World is my Coral Larvae?
Genetics
B/LS.2a

Investigation & Experimentation
IE.1h
Reading: Informational Text
RI.9-10.1; RI.9-10.10; RI.11-12.1; RI.11-12.10
Writing
W.9-10.8; W.11-12.8

Reading Science & Technical Subjects
RST.9-10.1; RST.9-10.4; RST.9-10.7; RST.9-10.10; RST.11-12.1; RST.11-12.4;
RST.11-12.8; RST.9-10.10

**Lesson 3 - Fish Detective**
Ecology
B/LS.6a

Investigation and Experimentation
IE.1d

Speaking & Listening
SL.9-10.1; SL.9-10.4; SL.11-12.1; SL.11-12.4

Language
L.9-10.6; L.11-12.6

Interpreting Categorical & Quantitative Data
HSS-ID.A.1

**Lesson 4 - Connect to Protect**
Ecology
B/LS.6b

Reading: Informational Text
RI.9-10.1; RI.11-12.1

Writing
W.9-10.7; W.11-12.7; W.9-10.8; W.11-12.8

Speaking and Listening
SL.9-10.1; SL.9-10.2; SL.9-10.3; SL.9-10.4; SL.11-12.1; SL.11-12.2; SL.11-12.3; SL.11-
12.4

**Module 3: Seas of Change**

**Lesson 1 - Can you take the Heat?**
Ecology
B/LS.6b
Energy in the Earth System
ES.4.d

Investigation and Experimentation
IE.1d; IE.1m

Reading: Informational Text
RI.9-10.1; RI.11-12.1

Writing
W.9-10.2; W.11-12.2; W.9-10.7; W.11-12.7

Speaking & Listening
SL.9-10.1; SL.9-10.2; SL.9-10.4; SL.11-12.1; SL.11-12.2; SL.11-12.4

Reading Science and Technical Subjects
RST.9-10.1; RST. 9-10.7; RST.9-10.10; RST.11-12.1; RST.11-12.7; RST.11-12.10

**Lesson 2 - More Acidity, More Problems**

Ecology
B/LS.6.b

Investigation and Experimentation
IE.1.d; IE.1.i; IE.1m

Reading: Informational Text
RI.9-10.1; RI.9-10.2; RI.9-10.4; RI.9-10.8; RI.11-12.1; RI.11-12.2; RI.11-12.4; RI.11-12.8

Writing
W.9-10.9; W.11-12.9

Speaking & Listening
SL.9-10.1; SL.9-10.2; SL.11-12.1; SL.11-12.2

Quantities
HSN-Q.A.1; HSN-Q.A.2

Reasoning with Equations & Inequalities
HAS-REI.A.1

Interpreting Categorical & Quantitative Data
HSS-ID.A.2

Reading Science & Technical Subjects
Lesson 3 - SOS: Rising Seas
Ecology
B/LS.6

Investigation and Experimentation
IE.1.c; IE.1m

Reading: Informational Text
RI.9-10.1; RI.11-12.1

Speaking & Listening
SL.9-10.1; SL.9-10.2; SL.11-12.1; SL.11-12.2

Module 4: Space Prep

Lesson 1 - Designing an Autonomous Underwater Vehicle
Motion & Forces
PH.1a

Reading Science & Technical Subjects
RST.9-10.3; RST.11-12.3

Lesson 2 - Buoyancy – From Sea to Space
Investigation and Experimentation
IE.1b; IE.1d; IE.1g

Speaking and Listening
SL.9-10.1; SL.11-12.1

Quantities
HSN-Q.A.1

Seeing Structure in Expressions
HSA-SSE.A.1

Reading Science and Technical Subjects
RST.9-10.3; RST.9-10.6; RST.11-12.3; RST.11-12.6

Lesson 3 - The Best Analog
Investigation and Experimentation
IE.1d; IE.1m

Reading Informational Text
RI.9-10.1; RI.11-12.1

Speaking and Listening
SL.9-10.1; SL.9-10.4; SL.11-12.1; SL.11-12.4

Reading Science and Technical Subject
RST.9-10.1; RST.9-10.2; RST.11-12.1; RST.11-12.2