

# HOW TO USE THE OCEAN LITERACY ALIGNMENT MATRIX

This set of matrices show how the Scope and Sequence aligns with the seven Essential Ocean Literacy Principles and 44 Fundamental Concepts. There is one matrix for each principle. For each matrix, the grade bands run horizontally across

the top; the fundamental concepts for that principle run vertically along the left column. There are three levels of alignment (see bottom of page).

1	The Earth has one big ocean with many features.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a	x	x	XX	XX
b	x	XX	XX	XX
c	XX	XX	XX	XX
d			x	XX
e	x	x	XX	XX
f	x	XX	x	
g	x	XX	XX	
h				x

2	The ocean and life in the ocean shape the features of the Earth.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a		XX	XX	XX
b			XX	x
c	XX	XX	XX	XX
d	x	XX	XX	x
e	x		XX	XX

3	The ocean is a major influence on weather and climate.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a	x	XX	XX	XX
b	XX	XX	XX	XX
c			XX	XX
d	x	x	x	x
e			XX	XX
f			XX	XX
g			x	XX

4	The ocean makes Earth habitable.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a		x	XX	XX
b		x	XX	XX

5	The ocean supports a great diversity of life and ecosystems.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a	x	x	XX	XX
b		x	XX	XX
c	x	x	XX	XX
d	x	XX	XX	XX
e		XX	x	x
f	x	XX	XX	XX
g	x	x	x	x
h			XX	XX
i		x	x	x

6	The ocean and humans are inextricably interconnected.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a	x	x	XX	x
b	x	XX	XX	XX
c	x	x	x	x
d	x	XX	XX	XX
e	XX	XX	XX	XX
f	x	x	XX	XX
g	XX	XX	XX	XX

7	The ocean is largely unexplored.			
	K-2nd	3rd-5th	6th-8th	9th-12th
a		XX	XX	XX
b	x	x	XX	XX
c	x	x	XX	
d		XX	XX	XX
e				XX
f	x	XX	XX	XX

<b>[blank]</b>	<b>= no alignment</b>
<b>x</b>	<b>= mentions concepts</b>
<b>XX</b>	<b>= addresses concepts in depth</b>