MARE Ocean Immersion
OPEN OCEAN Grade 5

Time Frame

Depending on the experience of your students, the length of your class periods, and your own choices, the time needed for this unit will vary. Try to build flexibility into your schedule so that you can extend the sessions if necessary.

Apples and Oceans from Only One Ocean
Session 1: Brainstorm—Our “Planet Ocean” 45 minutes
Session 2: Apples and Oceans 45–60 minutes
Session 3: Creative Writing 45–120 minutes

Planet Ocean from Ocean Currents
Session 1: Ocean Brainstorm 45 minutes
Session 2: Global Exploration 60–120 minutes or more

Waste Disposal from Ocean Currents
Session 1: Student Explorations 60 minutes
Session 2: Demonstrating Wind–Driven Currents 45 minutes

Current Trends from Ocean Currents
Session 1: Introducing the Stations/Making Predictions 60–90 minutes
Session 2: Completing the Stations 60–90 minutes

Ice Cubes Demonstration from Ocean Currents 45–60 minutes

Great Plankton Race from Open Ocean Binder
Session 1: So What is Plankton? 45–60 minutes
Session 2: The Great Plankton Race 45 minutes
Session 3: Observing Live Plankton 60 minutes

Squids—Outside and Inside from Only One Ocean
Session 1: What About Squids? 45 minutes
Session 2: Hands–On Squid 45–120 minutes
Session 3: Debriefing Activities 45–60 minutes
Session 4: Squid Fishery Symposium 45–60 minutes

Whale With Class from Open Ocean Binder
Session 1: The Diversity of Mammals 45 minutes
Session 2: Becoming the Whale 60 minutes
Session 3: Going Further 45 minutes
Build an Open Ocean from *Open Ocean Binder*

Session 1: Planning the Transformation  45–60 minutes
Session 2: Researching the Classroom Open Ocean  60 mins. or more
Session 3: Building the 3–D Open Ocean  60 mins. or more