**Oceans Unit KUB Study Guide Grades 2-3**

By the **end** of the Enrichment Oceans Unit, second and third graders should:

**Know**

Oceanography

Vertebrate

Invertebrate

Crustacean

Exoskeleton

Carapace

Tentacles

Carnivore

Herbivore

Scavenger

Predator/Prey

Migration

Camouflage

Adaptation

Symbiosis

Habitat

Coral

Algae

Plankton

Kelp

Submersible

Gulf Stream

Reef

Tides

Tsunami

Tidal Wave

Debris

Toxic

Pollution

Resource

Marine

**Understand**

Why is the ocean a valuable resource?

What can be done to protect the ocean and marine wildlife?

What is a food chain?

What fraction of the Earth is taken up by the oceans?

What causes waves?

Why is ocean water salty?

What are the two types of whales?

What is the difference between a dolphin and a porpoise?

**Be Able To**

Label the continents and oceans on a map

Identify the three ocean layers

Label the parts of a fish

**Oceans Unit KUB Study Guide Grades 4-5**

By the **end** of the Enrichment Oceans Unit, fourth and fifth graders should:

**Know**

Oceanography

Vertebrate

Invertebrate

Crustacean

Exoskeleton

Carapace

Tentacles

Carnivore

Herbivore

Omnivore

Scavenger

Predator/Prey

Parasite/Host

Consumer

Producer

Migration

Camouflage

Adaptation

Regeneration

Symbiosis

Habitat

Coral

Algae

Plankton

Kelp

Gulf Stream

Reef

Tide Pool

Delta

Trench

Ridge

Current

Lagoon

Vent

Marsh

Tides

Tsunami

Tidal Wave

Debris

Toxic Waste

Pollution

Resource

Diversity

Marine

Bioluminescence

Continental Shelf

SCUBA

Submersible

**Understand**

Why is the ocean a valuable resource?

How does the food chain work?

What percent of the Earth is taken up by the oceans?

Why is ocean water salty?

Why are the oceans and certain marine animals endangered?

What can be done to protect the ocean and marine wildlife?

**Be Able To**

Label the continents, oceans, major seas, The Great Barrier Reef, The Marianas Trench, and the Bermuda Triangle on a map.

Identify the three ocean layers and name some of the marine life found in each

Label geographic features of the sea floor and identify types of reefs

Create a timeline of ocean exploration

Classify different types of shells