

# Dive Under the Sea

(Under the Sea in 25 Box Tops)

## Instructions:

1. Tape or staple a "Box Top for Education" in each square.
2. When you have made it around the Sea with Box Tops, bring it to school.
3. Enter as often as you wish!

**1 Start Here! OUR SCHOOL!**

Until the year 2000, there were 4 recognized oceans, the Pacific, Atlantic, Indian and Artic. The 5<sup>th</sup> is the Southern Ocean that surrounds Antarctica.

**2** Life on Earth started in the seas and the oceans continue to be home to an incredibly diverse web of life.

**3** The oceans of Earth are unique in our Solar System.

**4** Oceans absorb solar radiation and store it as heat energy and ocean currents distribute this heat energy around the globe.

**5** Coral reefs are warm, clear, shallow ocean habitats that are rich in life.

**6** The Earth's oceans are all connected to one another.

**7** Neap tides are weak tides that occur during quarter moons.

**8** Oceans cover about 70% of the Earth's surface and contain roughly 97% of the Earth's water supply.

**9** Tides are caused by the gravitational interaction between the Earth and the Moon. The Proxigean Spring Tide is a rare unusually high tide that occurs at most once every 1.5 years.

**10** Did you know that coral is actually a tiny living animal?

**11** The salt content of ocean water varies. The saltiest water is in the Red Sea and Persian Gulf. The least saltiest is in the polar regions.

**12** The deepest point in any ocean is in the Pacific. It is called the Mariana Trench and is 36,200 feet deep.

**13** Did you know that water only leaves the ocean by evaporating (or freezing of polar ice)? Salt does not evaporate and oceans will get saltier over time.

**14** Coral provides shelter for many animals including fish, turtles, sea snakes, snails, jellyfish, sharks, sea stars, crustaceans and mollusks.

**15** The Black Sea looks almost black because of a high concentration of hydrogen sulfide (which appears black).

**16** Spring tides are strong tides that occur when the Earth, Sun and Moon are in a line (full and new moon phases).

**17** There are many seas. Seas are often partly enclosed by land. The largest are the South China Sea, Caribbean Sea and Mediterranean Sea.

**18** Do you know why the ocean is blue?

**19** The Great Barrier Reef off the coast of Australia is the largest coral reef in the world. It is over 1,257 miles long.

**20** Did you know that the salt in the ocean comes from river water? As the river water flows, it picks up mineral salts from rocks and soil.

**21** The Red Sea looks red because of the red algae that live in this sea.

**22** Surface waves are caused by the wind. Tsunamis are caused by undersea earthquakes, volcanic activity and landslides.

**23** The Pacific is the largest ocean covering 64,186,000 square miles.

**24** Do you know where Nemo lives?

**25**

NAME: \_\_\_\_\_

TEACHER: \_\_\_\_\_ GRADE: \_\_\_\_\_

