

Title: Theme Unit: The Sea and Sea Life

Learning Intention/Description of Learning Activity:

The oceans and the seas of the world are home to a variety of creatures that we, humans, have discovered only a fraction of. They survive and thrive in a way that affects our lives, too. Thus, a little exposure to their world can teach everyone, especially kids, why it is important to appreciate marine life. Over 70% of the earth is occupied by oceans and it is believed that there are over 2 million more types of marine animals that we haven't yet stumbled upon. Teaching children about sea life is crucial for fostering environmental stewardship, understanding our planet's interconnectedness, and promoting scientific literacy. By learning about marine ecosystems, children develop a sense of responsibility for protecting these vital habitats and the creatures they contain. This knowledge also helps them grasp the impact of human actions on the ocean and inspires them to become informed citizens who can contribute to solutions for ocean conservation. Learning about ocean life fosters a sense of responsibility and encourages children to become advocates for marine conservation. They understand the importance of protecting habitats, reducing pollution, and combating climate change. The ocean plays a vital role in regulating climate, providing oxygen, and supporting diverse ecosystems. Teaching children about marine life helps them understand how these systems are interconnected and how human actions can have far-reaching consequences. Exploring the ocean and its inhabitants introduces children to scientific concepts like biodiversity, ecology, and the scientific method. This can spark curiosity and inspire future scientists and conservationists. The ocean connects people and cultures across the globe, highlighting the importance of international cooperation. Ocean education can help children understand global trade, weather patterns, and the impact of their actions on other parts of the world. Learning about the beauty and wonder of the ocean can foster a lifelong appreciation for nature and encourage outdoor exploration.

Ultimately, educating children about sea life is an investment in the future of our planet. It equips them with the knowledge, skills, and passion to become responsible stewards of the ocean and its incredible biodiversity.

Teacher Comments/Feedback:

NAME is currently at an "extending" level of understanding for grade-level expectations.

HE/SHE participated fully, completing all the worksheet pages independently. HE/SHE was also able to watch and listen to the videos and instructions appropriately and to follow along with the

examples and modelling shown such as, with the worksheet walk-through videos. HE/SHE was often willing to accept more challenging work considered to be above grade level expectations and was able to demonstrate skills that showed an understanding beyond the learning outcomes.

Next steps:

Your child should be able to: recognize and identify different kinds of common ocean animals, share a few details about various ocean creatures, (sea stars, octopus, jellies, crabs and fish) recognize that some animals are large predators (sharks and killer whales) while others are bottom feeders, compare animals that live in the ocean/those that don't. Read an ocean animal-related book aloud and discuss with the class as you read. Make ocean animal crafts. Have your child create a “My Ocean Animals Fact Book” with their own hand-drawn illustrations and facts.

Student Self Reflection:

Proficiency Scale

Emerging	Developing	Proficient	Extending
Beginning to or not yet demonstrating learning in relation to standards. Emerging is not failing	Demonstrating learning in relation to learning standards with growing consistency. Developing is not failing	Showing competence and consistency when demonstrating learning in relation to the learning standards. Proficient is not perfect.	Showing increasing depth and complexity and demonstrating learning in a variety of contexts. Extending is not bonus or accelerated work.

Emerging	Developing	Proficient	Extending
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