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| **Science Lesson Plan** 3rd Quarter Week 3  Ocean Animals | | | **Grade Level**: K  **Length of Lesson:** 5 days |
| Common Core Standards: **K.RI.1** With prompting and support, ask and answer questions about key details in a text.  **K.RI.2** With prompting and support, identify the main topic and retell key details of a text.  **K.RI.3** With prompting and support, describe the connection between two individuals, events, ideas, or pieces of information in a text.  **K.RI.4** With prompting and support, ask and answer questions about unknown words in a text.  **K.RI.5**Identify the front cover, back cover, and title page of a book.  **K.RI.6**Name the author and illustrator of a text and define the role of each in presenting the ideas or information in a text.  **K.W.8** With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.  **GDOE Standards:**  **K.1.1** Raise questions about the natural world.  **K.1.2** Make and discuss observations using the five senses.  **K.2.1** Observe and give examples of plants and animals identifying how they are alike and how they are different in how they look and in the things they can do.  **K.2.2** Describe how babies, or young are similar to their parents. | | | | |
| **Core Instructional Strategies:**  \_ X\_ Collaborative Group work  Writing to Learn  \_\_\_\_ Literacy Groups  \_X\_ Questioning  \_\_\_\_ Scaffolding  X Classroom Talk  \_\_\_\_ Other  **Level of Knowledge:**  X Knowledge  \_\_x\_\_ Comprehension  X Application  X Analysis  \_\_\_\_ Synthesis  \_\_\_\_ Evaluation | Anticipatory Set:  1. Read or watch the “Rainbow Fish” by Marcus Pfister   <http://www.storylineonline.net/the-rainbow-fish/>   1. Review and describe the types of animals found in the story | Lesson Objectives: (Students will be able to…)  1. SWBAT identify animals found in the ocean with 100% accuracy. 2. SWBAT match an adult animal to their offspring with 90% accuracy. 3. SWBAT distinguish ocean animals and earth bound animals with 80% accuracy. 4. SWBAT distinguish animals with their habitat with 90% accuracy. | | |
| Materials and Resources: crayons, pictures, paper, worksheets, glue scissors, projector, computer, paper plates, cellophane paper, blue paint, pictures of sea creatures  **Media**  -Video  -Projector  -Computer  -Speakers  -Ipad mini | Procedures: **Day 1: Introduction: Story Time**   * Read the “Rainbow Fish” by Marcus Pfister * Continue with Science connection   **Class Discussion**   * Talk about key elements in the story   + Where does the story take place?   + Who are the main characters?   + How did the Rainbow Fish feel?   + If you were to be any ocean animal, what would you pick and why?   + What other animals are in the ocean that is not in this book?   **Comprehension**   * Have students color sea creatures worksheet * Have students complete counting to 10 worksheet   **Day 2: Parts of a Fish**  **Review story the “Rainbow Fish” discussing how ocean life and zoo/farm life differs**   * Students will identify the parts of a fish (scales, fins, mouth, tail) * Students will identify animals found in the ocean that start with the letter “s”/”s” sound by completing worksheet with 85% accuracy   **Day 3: Oceans**  **Class Discussion**   * Read “Oceans” by Miranda MacQuitty * Students will talk about some of the ocean animals they saw and   + Name some animals that live in the ocean   + What kind of habitat or environment do these animals live in?   + What kinds of food do they eat?   + Why wouldn’t a \_\_\_\_\_ live in a zoo/farm?   **Independent work**   * Students will identify the different types of animals found in the ocean by completing oceans worksheet with 85% accuracy * Students will complete a pattern worksheet with 85% accuracy   **Day 4: The Perfect Habitat**   * Teacher will spend some time talking about different habitats and animal environments.   + Where do fish live?   + What are some other things you see in the ocean?   + How can we help animals? * Student will build their own aquariums * **Habitat Day 5: Review & Assessment Worksheet** * Students will complete aquarium project * Teacher will review vocabulary words and discuss this week’s topic.   **Project: Aquariums**   * Students will construct a diorama depicting a specific animal in its habitat. | | | |
| Vocabulary Words: - Aquarium  -sea animals  -ocean | Assessment/Evaluation:   * Product assessment. * Performance assessment (Class discussion, group activities). * Observation/ checklist | | | |
| **ESLRS:** (Expected School wide Learning Results)  U,P,I,E,S | Alternative Lessons for the Needs of Individual Students: (Modifications for ESL and J.P.)  * Simplify directions * Sit near teacher * Visual aids * Peer assistance * 1 to 1 help * Extra think time * Modified assessment * Hands on activities | | | |
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