

## Core Skills Analysis

### Art

- Roo likely observed and experienced the natural colors, textures, and shapes found at the beach, such as sand grains, shells, seaweed, and the pattern of waves.
- The activity provided an opportunity to appreciate natural aesthetics and maybe inspire creative expressions like shell collecting or sketching beach scenes.
- Engagement with the beach environment could have encouraged fine motor skills through activities like drawing in the sand or shaping wet sand.
- Roo may have begun to understand how natural elements change over time and light, important for developing observation skills in art.

### Science

- Roo experienced firsthand the coastal ecosystem, including interactions between land and sea environments.
- The visit to the beach likely exposed Roo to concepts such as tides, waves, and the effects of wind and water erosion on rocks and sand.
- Roo could observe different life forms typical to the beach setting such as crabs, seaweed, or seabirds, learning about habitats and biodiversity.
- Sensory exploration of natural elements like water temperature, texture of sand, and sounds of waves contributes to an understanding of physical science concepts.

### Tips

To deepen Roo's learning from a beach visit, encourage creative projects such as making a beach nature journal with sketches, descriptions, and collected natural materials like shells. Explore tide charts and simple experiments with water and sand to understand erosion and sediment movement. Organize sensory-focused activities like describing textures, sounds, or smells at the beach to enhance observational skills. For science extension, consider investigating local wildlife through drawing or photography, plus discussions about environmental conservation and the importance of beach ecosystems.

### Book Recommendations

- [A Day at the Beach](#) by Anne Rockwell: A vibrant picture book that introduces young readers to beach activities and the natural environment.
- [The Magic School Bus on the Ocean Floor](#) by Joanna Cole: A fun adventure that explores underwater life and the science of ocean ecosystems.
- [Shells](#) by Melissa Stewart: An engaging nonfiction book explaining how seashells form and the creatures that live inside them.

### Learning Standards

- Art & Design (UK KS1/KS2): Develop skills in observation and use of natural materials [Art - KS1 & KS2]
- Science (UK KS1): Identify and describe the basic structure of a variety of common plants and animals [Biology - KS1]
- Science (UK KS1): Use observations to suggest answers to questions and carry out simple comparative tests [Working Scientifically - KS1]
- Geography (UK KS1): Understand physical features of local environments including coasts [Geography - KS1]

### **Try This Next**

- Create a 'Beach Texture' worksheet where Roo identifies and draws different textures like sand, shells, and water ripples.
- Conduct a simple experiment to observe how saltwater affects sand compared to freshwater, documenting measurements and changes.