

ECCSPLORe-IT Curriculum Activity

Water in Our Environment

The following ideas can be used with the software program, *Just Grandma and Me*, to encourage math, science and social studies skills during a unit on water.

Computer Activity

Encourage the child to listen to each page of the story, then explore the various objects and characters on each screen. Talk about what is happening in the story and on the screen. Encourage the child to pick an object on the screen and predict what it will do. Relate the scenes to experiences in the child's life and to the water theme.

Related Activities

Math

- Explore measurements of water by pouring water into different size containers at the water table
- Predict which objects will float on the water. Make a chart showing predictions.
After testing the objects - chart the results
- Use wind-up water toys in the water - predict which will go the farthest - measure the distance each goes - and chart results
- Sort shells by size, color, texture
- Sort objects/toys by which ones float or sink

Science

- Test whether objects, such as shells, float or sink in the water
- Listen to the sound of the ocean in a conch shell
- Listen to different sounds of water from a tape or record
- Study fish and other animals which live in the water - talk about how they can live under water and we can't - how they breath and eat
- Study rainbows and how they are related to water
- Explore the colors that make up a rainbow - use them in center activities
- Use the senses to explore water - taste, smell, feel (warm or cold)
- Study what happens to ice when it is placed in water - try warm, then cold - have children predict what will happen

Social Studies

- Talk about personal hygiene related to water
- Create a book about different ways families use water at home and for enjoyment based on each child's experiences
- Relate *Just Grandma and Me* theme of grandparents and the beach to children's individual stories
- Make a drawing of "what I like about water" or "how water helps me"
- Visit community's water plant