

OSP Interactive Educational Programming

Lesson Title: What's in the water?		Grade Level: K
Teacher: Kathi Murray		Duration: 50 minutes
Essential Question(s)/Objective(s): What can you find in water? Can you see things better with magnifying glasses? Can you tell if something is alive? Can you tell if something is not alive? Can you be careful while you look at new things?		
Science Georgia Standards of Excellence SKL1. Obtain, evaluate, and communicate information about how organisms (alive and not alive) and non-living objects are grouped. a. Construct an explanation based on observations to recognize the differences between organisms and non-living objects.		
Key Vocabulary	Living-Alive, Non-living –Not Alive, Magnify-Make Bigger, Observe –Look At, Plants, Animals	
Teacher Materials	Goldfish bowls or aquariums with organisms like minnows, tadpoles, duckweed, water plants, dirt, floating wood, etc. Magnifying glasses	
Student Materials	pencil	
Teaching Strategy/Procedures	Allow the students to walk around and observe the different samples. Get the students together and let them discuss what they observed and determine which objects were alive or not alive. Give them magnifying glasses and let them go around and look a second time. Get the students back together and let them discuss what they observed and determine how they would group different items together.	
Differentiation	Allow the students to observe the samples one at a time. Have terrestrial organisms instead. Grasshoppers, crickets, beetles with dirt, grass, water, twigs	
Summarizing Strategy	Explain that the plants and animals are living organisms and the dirt, water, and dead wood are non-living.	
Assignment(s)	Have the students come up with 3 other living organisms and 3 non-living objects.	

Assessment For and/or Of Learning	Jump if It is Alive game (show students various pictures, if the is non-living, then they will stay seated, if it is alive they are to jump up) Living/Non-living chart