

Lesson Plan- Introduction to Water Unit

3rd Grade

Materials Needed:

PowerPoint/projector

Water booklets

Crayons/colored pencils/pencils

Small cups for water

Objectives:

1. Students will be able to describe where water can be found, who/what needs water for life and how water is a threatened resource.
2. Students will be able to collaborate in small groups to come up with solutions to water problems.

Warm-Up: Give everyone a small cup of water. Ask them to close their eyes and drink it while thinking about what water is made of, what it tastes like, smells like, feels like. Discuss with your partner: What is water? Whole group discussion: (Possible answers: chemicals, ice, rivers, etc...)

Direct Instruction:

Slides 1-3: Where can we find water? Water is the most common substance on earth. It covers 70% of the earth's surface. Some of that water is locked up inside many life forms on earth. Some life forms, like jelly fish, are 95% water, others, like humans, are 70% water. Besides finding water inside all living things on earth. We also find water in streams, rivers, oceans, ponds, clouds, snow, rain, and ice and under the ground.

Slides 4-5: Where does water come from? Scientists say that the amount of water on earth has always been the same. All the water that's here now was here when the earth was formed 4 and ½ billion years ago. So the water you drink, the rain that falls on you, the water inside your body, all that was around in the time of the dinosaurs.

Slides 6-9: Who needs water? (draw pictures with partners)

Slides 10-16: Water problems. (fill out problem web with partners)

Slide 17: Brainstorm and make a list of solution ideas with small groups)

Wrap Up: Plan for follow up classes with goal being to design a water project that we can all contribute to helping solve a water problem in the world.