

Recycling in our World

Estimated Time: 30 minutes

Content Area(s): Science Grade Level(s): 1st

Learning Goal/s: 1. Students will know what recycling is and what they can recycle in our environment and everyday lives. 2. Students will also be able to experience various activities to help them understand what it means to keep our environment clean.

Specific Learning Objectives: 1. Students will learn which items will naturally decompose and which will not. 2. Students will see the effect we have on water and keeping it clean. 3. Students will see a different effect we have on not keeping the water clean in a different way and that it not only effects us but it effects the animals that live in the water.

Procedures/Time line

Procedures Time Materials/Resources Adaptations for Special Needs Students
Teacher will briefly talk about recycling with class. Write the word down on the board so students can see the word and make a connection with it. After a few minutes and you feel they understand bring out various objects to see what is better for our environment. China plate/paper plate, paper towel/terry cloth dish towel, plastic bag/paper bag, plastic foam cup, glass cup. Carrots in plastic bag, carrots out of plastic bag. Discuss which is better as a class and put into the correct pile, there should be two piles
9 min Board, marker to write with. Carrots, plates, towels, bags, cups. Make sure students are participating with the class. They can voice their thoughts along with the rest of the class.

Then bring in a gallon jar of clean fresh water. Make sure all students can see the clean water. While students are watching drop two drops of red food coloring into the clean water, observe what happen. Have a quick discussion about how the water looks and what we did. Talk about what we can do to fresh clean water in our environment. Then add one cup of clean fresh water at a time to the dirty water (it takes about 7 cups) The students should know that when pollutants are put into streams, that it goes through the entire steam of water. It spreads out just like the food coloring did. 9 min Bucket, water, red food coloring, cup Students are to watch an observe and ask questions.

So students can see the effect that plastic garbage has on animals that live in the water. Hook one end of a rubber band around your little finger. Stretch the rubber band across the back of your hand and hook the free end on your thumb. Try to remove the rubber band without touching anything.

Fish, seals, birds do not have hands. How can they remove the plastic rings from pop cans if they get it wrapped around their bodies? Ask any other questions that come to mind or that students come up with. Give students an opportunity to ask any question they may have. Rubber band:
Bring students back to the rug and talk about the three activities you just did as a class. Talk about throwing our garbage away and recycling it. If there is time teach them the Recycle Now, song to the tune of "Three Blind Mice" (copy of words attached)