

Spinner K-2

By: Shirley Rose

Lesson

The 3 R's: Recycle, Reuse, Reduce!

Reduce (To use less of)

The best way to reduce waste is to buy in bulk, buy items with less packaging & switching to reusable instead of single-use items. In addition to benefiting the environment, these efforts often save the us money.

Reuse (To use again in the same or different way)

In the United State every person generates about 4.7 pounds of waste a day. Most waste can be reused to minimize the strain on the environment & municipal waste management. For example, you can reuse plastic containers with lids for storage. This minimizes the amount of plastic thrown in your garbage.

Recycle (to make something new from something used)

Separating items for recycling is important. Recyclables include, paper such as newspaper, unwanted mail, magazines, & cardboard are placed in your yellow bin & plastic bottles, plastic containers, aluminum cans, steel cans, glass jars, milk & juice cartons in the blue bin. This makes it easier to be recycled & made into the same type item or something new.

Disposal (To get rid of)

Daily waste that cannot be reused or recycled in some form, finds its way to your garbage can. Things that cannot go in your recycle bins include fabric, plastic bags, baggies, used pizza boxes, used paper plates, & all types Styrofoam. It is best to check with your municipal waste management for their bin regulations.

Recycling helps protect the environment. Recycling reduces the need for extracting (mining, quarrying & logging), refining & processing raw materials. Such as cutting down trees & processing their wood to make paper. All of these create a lot of air & water pollution. **Recycling reduces the use of landfills** & incineration.

Questions for students

What does it mean to recycle?

How can you help to reduce your waste?

How many pounds of waste do you produce daily?

In Palm Beach County what do you place in your yellow recycling bin?

How does using the 3 R's help the environment?



Please us the Other Resources Page
before you start the art project



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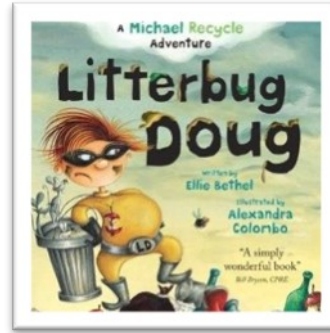
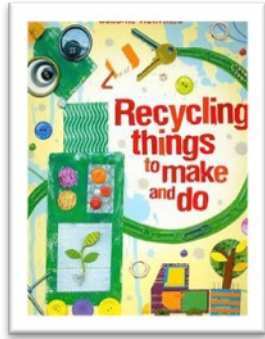
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Other Learning Resources

Books to Read

Recycling Things to Make and Do - by Emily Bone

Litterbug Doug - by Ellie Bethel -



Videos About The 3 R s

https://www.youtube.com/watch?v=OasbYWF4_S8

<https://www.youtube.com/watch?v=AOvcW8l3RzE>

https://www.youtube.com/watch?v=Q0Nq4b_07Fc

<https://www.youtube.com/watch?v=AsBOoCDXLH4>

Materials

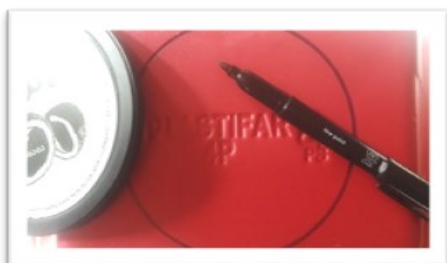


- 1 piece of Styrofoam
- 1 five inch lid to trace for a circle
- 1 marker
- Scissors
- 1 piece of 22 inch string
- stickers

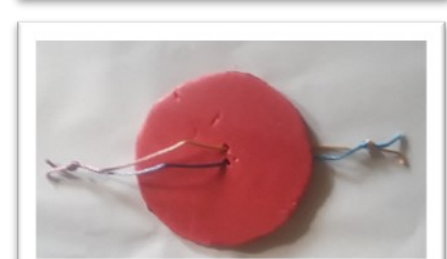
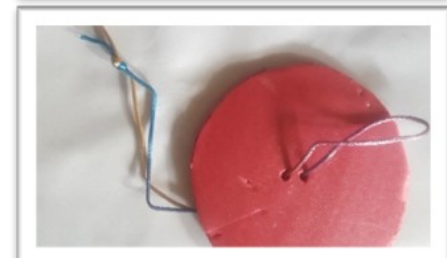
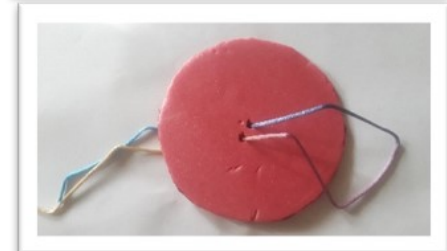
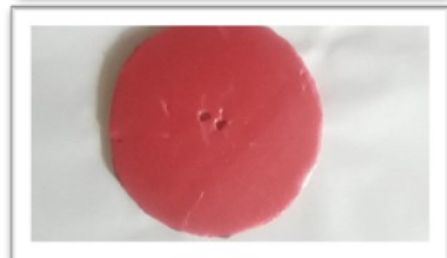


Instructions

Parents may need to help with steps in Green



1. Gather all your materials.
2. Trace the lid on top of Styrofoam packing.
3. Cut the sides off the packaging. Then, cut on the drawn line to make a circle.
4. Now, find the center & leave an 1\8 inch between the two holes, mark where they will be placed with a marker.
5. Take one blade of your pointed scissors & move them carefully in a twisting motion all the way through the Styrofoam to make the holes just large enough to pull the string through. When you are done it will look like a big button.
6. Lace each end of the string in the holes. Pull them all the way through & tie a double knot. Pull the other end of string all the way to the other side & tie a double knot on that end. This will keep the child's fingers from slipping off.
7. Decorate both sides with stickers. Holding both ends of string, above the knots, twirl one hand away from your face, causing the string to wind up. Pull both arms out & watch it spin. Dip the spinner down into a "V" shape & pull it out again. This makes it wind the string a& continue spinning. Make one with a friend & see who can spin the longest.



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