

STEM

starts now

Recycled Piggys

Recommended Age: 48-52 Months

STEM concepts: Science (physical science), Technology (simple tools), Engineering (engineering), Math (measurement)

Materials: empty clean plastic bottle(soda, water, juice), acrylic paints (becareful these don't wash off of clothes), googly eyes, recycled paper, scissors, exacto knife, glue

What to do: Start by dropping a drop of paint inside of the bottle. Close the bottle and have your child shake it around. Add as many colors as desired for painted look. open the bottle and dump the excess paint. Use the paper to cut out ears for your pig. Crumble paper into 4 small balls and roll around in glue. Allow to dry. These are the feet. Use paint to paint feet and ears if desired. Draw two dots on cap of lid for the nose. Add to googly eyes. Use the paper to cut out a swirl for the tail. Glue all parts to bottle and let dry. Cut an inch slot on the top of the bottle. Leave cap off over night to drive paint on the inside.

Language and Communication: This is a recycling activity. Any conversation about recycling would be helpful. Talk about how our country's citizens use and throw away an estimated or guessed 100 billion plastic bags every year and we also use a lot of other plastic products and just send them to the garbage. Talk about how its helpful for our environment to use less plastic and the plastic we do use needs to be recycled and used for new things. Explain using the paper and plastic to make a piggy bank is helping save our environment.

Expand the Activity: Challenge your pre-schooler to explore the other recycled materials in your home and think of other ways to recycle and use them. Send them on a scavenger hunt to find how much plastic you use in your home.

