

UNIT TOPIC

Transformation

ESSENTIAL QUESTION

WHAT IS TRANSFORMATION AND HOW DO THINGS CHANGE?

FOCUS QUESTION

How can objects change?

WEEK 2

Word of the day

RECYCLE

**Print the word RECYCLE. Identify the sounds and letters of the word. Discuss the definition.



Recycle

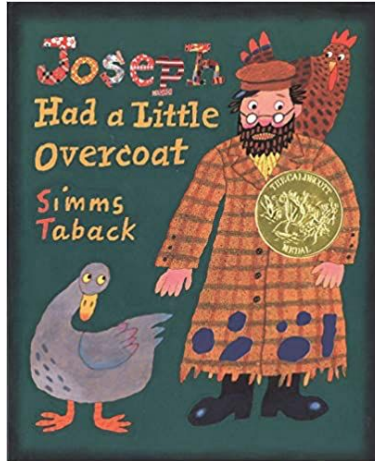
to put through a process that allows used things to be reused.

***Think about things that you can recycle**

Foundational Text

Joseph Had a Little Overcoat

by Simms Taback



You can always make something, even out of nothing.

Click here to watch

<https://www.youtube.com/watch?v=ZOrOeRc5xnQ>

Discussion Questions

Critical thinking skills are foundational to learning and educational success.

Level 1: Recall

How did Joseph change or reuse his overcoat?

What are some of the things Joseph made from his overcoat?

What did Joseph do when he lost his button?

Level 2: Skill/Concept

What was the biggest thing Joseph made from his overcoat?

What was the smallest thing Joseph made from his overcoat?

Why was each item Joseph made smaller than the item he made it from?

Activity 1

Invite children to explore the ways they can change the music they make with the instruments such as making it **louder, softer, faster or slower**.

Instrument Challenge:

Supply various recycled materials such as cardboard boxes, plastic cups, empty and clean food containers, small collage materials such as buttons, beads, etc. and tape or glue.

Challenge children to change these materials into instruments.



How to make DIY Musical Instruments for Kids!! Learn to Make homemade Drums, Guitar, Tambourine and Maraca and more using everyday household items!

<https://www.youtube.com/watch?v=6tYlor3r82M>

Activity 2

Letter Challenge

Provide various materials such as twigs, straws, string, chopsticks, tongue depressors, etc. and invite children to transform these materials into letters. Challenge them to see how many letters they can create. Be sure to have printed letters available for children to reference throughout the activity.



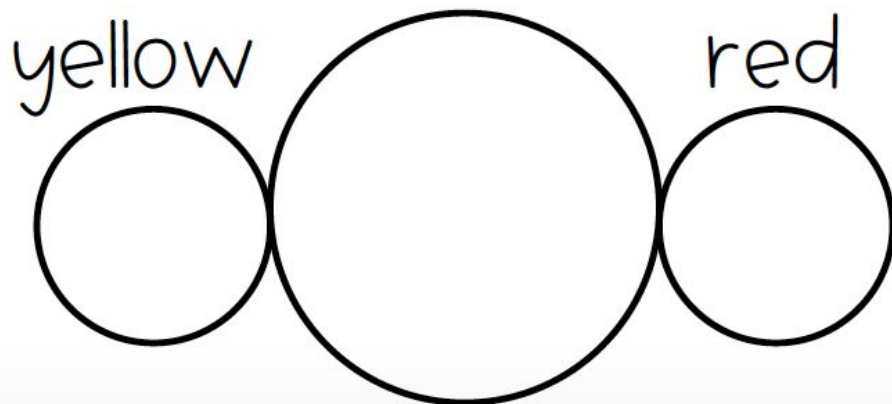
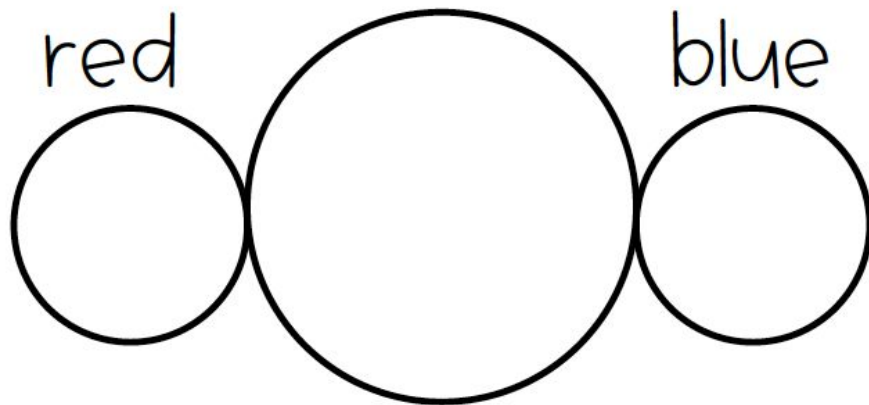
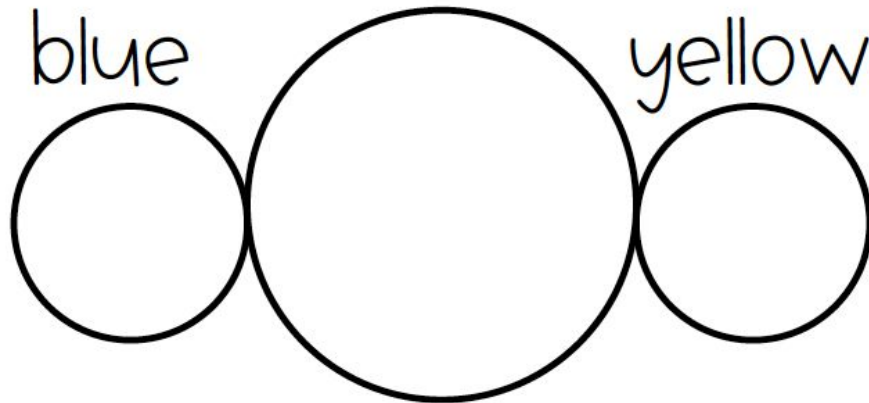
You can also transform paper towel rolls into insects



Activity 3



let's mix Primary Colors



Activity 4

Orange Juice Challenge:

Orange Juice Challenge: Supply fresh oranges and challenge the children to figure out how to turn the oranges into orange juice. Guide them through the experience with open-ended questions. This activity could be implemented over the course of two days. On the first day ask children to plan how they will turn the oranges into juice, including making a list of what they might need. On the second day supply some of the materials they will need in order to accomplish this challenge. When children are ready to drink their orange juice talk with them about making healthy food choices.

Cooking Experience

Supply child friendly cookbooks for your child to explore. Invite them to select a recipe to make in the classroom together. Read the recipes with the children and talk about how the recipe ingredients change throughout the cooking experience. For example, “When combined the milk and flour transformed into mush!”

Popcorn

If possible, make popcorn with your child. Show them the popcorn kernels in advance and talk about how the kernels change when heated.

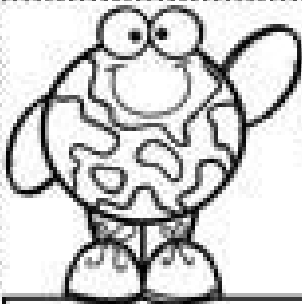
Caterpillar Shoes



<https://www.youtube.com/watch?v=tYa6OLQHrEc>

How do you recycle your old shoes?





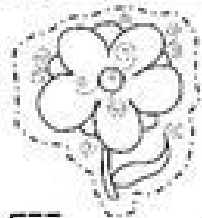
Name _____

Earth Friends Recycle Sort

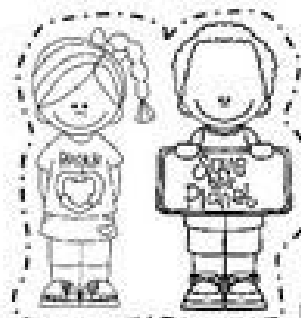
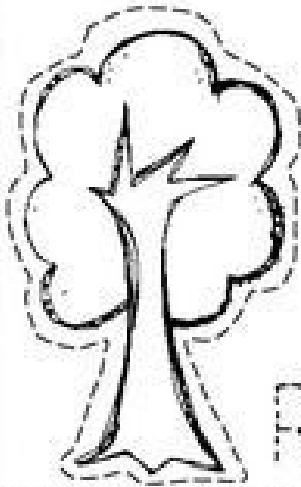
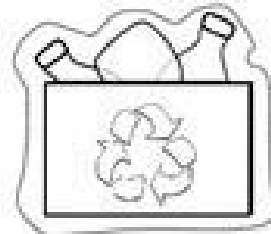
Directions: Color the correct items in each box.

Trace and Color

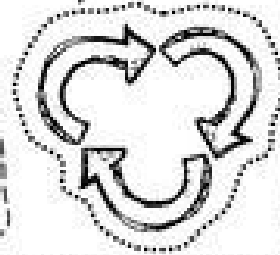


Earth



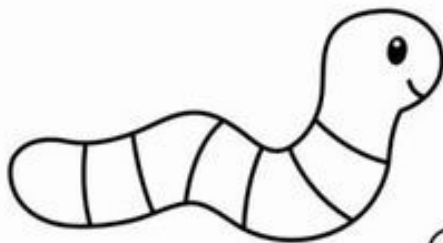
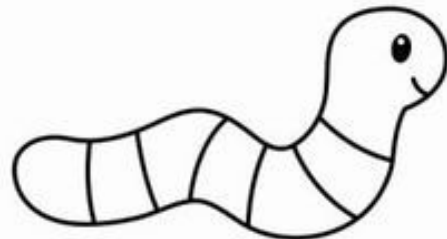
Recycle

Reuse



Worm Color by Size

Color the large worms **brown**.
Color the medium worms **red**.
Color the small worms **black**.



Created by Cassie @ 3Dinosaurs.com

Name : _____

Score : _____

Symmetry in Real-life

Sheet 1

Draw a line of symmetry on each one.
(Some pictures may have more than one line of symmetry)

1)



2)



3)



4)



5)



6)



7)



8)



Activity #4:

Growing Feet

Gather a bunch of shoes of all sizes in your home, put them in order from smallest to biggest. Talk about how your body grows as you get older!