

Season 2, Episode 17: Rainbow Day



Join head counselor Zach to make a walking water rainbow, sing about ROYGBIV, learn why the sky's blue, sketch clouds, meet elephants & river otters. Content partners include Brooklyn Botanic Garden, Children's Museum of the Arts, Denver Museum of Nature and Science, Guggenheim Museum, New Victory Theater, Playworks, Roger Williams Park Zoo, San Diego Zoo, They Might Be Giants.



Activity Guide

Rainbow Coloring Page	1
Walking Water Rainbow	2-3
Fractions Race	4-5
Homemade Habitat	6
Rainbow Window Decoration	7-8

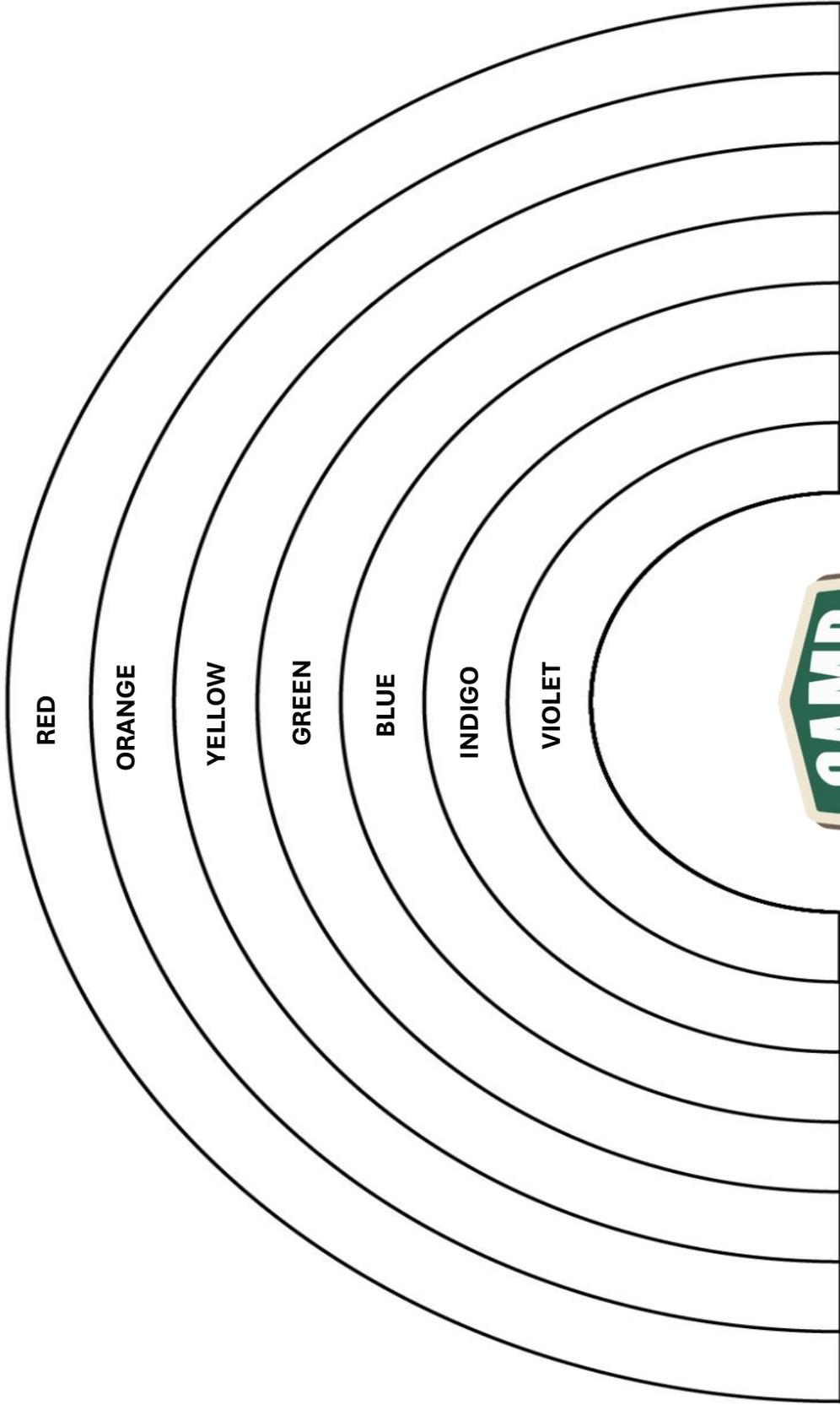
PARTICIPATE!

Do you know all the colors of the rainbow? Use the coloring page on the next page to practice and get ready to watch “Rainbow Day” on *Camp TV*!

Camp TV is a production of The WNET Group.

Major funding for *Camp TV* is provided by the Corporation for Public Broadcasting. Additional funding is provided by The Peter G. Peterson and Joan Ganz Cooney Fund and the Pine Tree Foundation of New York.







Walking Water Rainbow

Materials List:

- 6 clear glasses
- red, yellow and blue food coloring or watercolors
- paper towels

Instructions:

1. Line up six clear glasses. Put a few drops of red food coloring in the first glass, a few drops of yellow food coloring in the 3rd glass, and a few drops of blue food coloring in the 5th glass.



2. Add water only to the glasses that have food coloring. Fill them as close to the top of the glass as possible. **Do not drink water**



3. Tear 3 half-sheets of paper towel in half so you have 6 small sheets. Then, fold the paper towels, as many times as you can, into strips.



5. Put one end of the paper towel strips into each glass, connecting the glasses.



6. Watch as the colors move through the paper towel and fill the empty glasses! Soon you will see a rainbow!



7. If you'd like, you can rearrange your glasses in a circle!





Fractions Race

Materials List:

- 12 small objects – *like buttons or coins*
- scrap paper
- something to write with
- 2 small cups or bowls – *optional*

Instructions:

1. Start by tearing 2 small pieces of paper. Write “1” on one piece of paper, and “2” on the other. Fold them up and put them into a bowl.



2. Tear four more small pieces of paper. Write the numbers “2” “3” “4” and “6” on these pieces. Fold them up and put them into a different bowl.



3. The first bowl (with the numbers 1 & 2) is the numerators bowl. The second bowl (with the numbers 2, 3, 4, & 6) is the denominators bowl.



4. Pick one number from the numerator bowl and one number from the denominator bowl for each round. Put the numbers together to make a fraction. For example, if you draw the number 1 from the numerators bowl and the number 3 from the denominators bowl, then you would have the fraction 1/3.



5. Now, see if you can represent your fraction with your objects! Race against a timer or a friend to see how many “fast fractions” you can make!





Homemade Habitats



- 1. Ask family members to select their favorite small toy and collect objects from around the house to create their own homemade habitat.**
- 2. Use your imagination to turn unexpected objects into important parts of your habitat scene.**
- 3. Tour each family member's habitat with your toy as your guide.**

Activity courtesy of Children's Museum of the Arts

<https://www.camptv.org>



Rainbow Window Decoration

Materials List:

- cardstock
- tissue paper – *white and rainbow colors*
- *safety scissors*
- *glue*
- *tape*

Instructions:

1. Cut out a heart shape, or any shape you'd like to fill, from the cardstock. Fold the shape in half, then cut out the inside of the shape.



2. Glue the shape onto white tissue paper and cut off the excess tissue paper around the edges.



3. Cut strips of rainbow-colored tissue paper, layering them side by side, building your rainbow. Once the strips are glued in place, trim any excess tissue paper.



4. Tape your decoration to a window and enjoy!

