



Reverse Tie-Dye

- Supplies:**
- Item to dye (T-shirt, Bandana, Socks, etc.)
 - Gloves
 - Bleach
 - Water
 - Atomizer Bottle (Spray bottle)
 - Rubber Bands



Age or Grade: 10 and up! With parental guidance, anyone can do!

Time: 45 Minutes: 10 minutes to prep, 35 minutes to set

Background: Recycling can be a very important skill that we do! Reusing old items can help the environment with our waste problem! Reverse tie-dye can take old items and make them new and exciting. Reverse tie-dye takes the pigment (color) from an item to create a cool design and effect. To do this project it is important to be responsible and realize the harm the bleach product could do to themselves, others, or even other objects. Safety is key! Make sure to wear gloves and do the activity in a space away from anything that could be ruined by bleach!

Project Goal Create a new look out of supplies around the house. Very personalized and unique to the creator!

- What to Do:**
1. Change into clothes that can be messy (camp shirts are the best, if they get dirty the more to the experience!)
 2. Tie up the item in a desired pattern (pictures attached)
 3. Secure pattern with rubber bands
 4. Fill up spray bottle $\frac{3}{4}$ bleach, $\frac{1}{4}$ water
 5. Spray bleach over item, best to do this process outside or in bathroom
 6. Let dry and repeat sprays if desired
 7. Cut off rubber bands
 8. Wash alone before wearing!

- Reflect:**
1. What happens to the color of the clothes?
 2. Why do you think the bleach changes the color?
 3. Why is your design unique? What makes it different than someone else's?





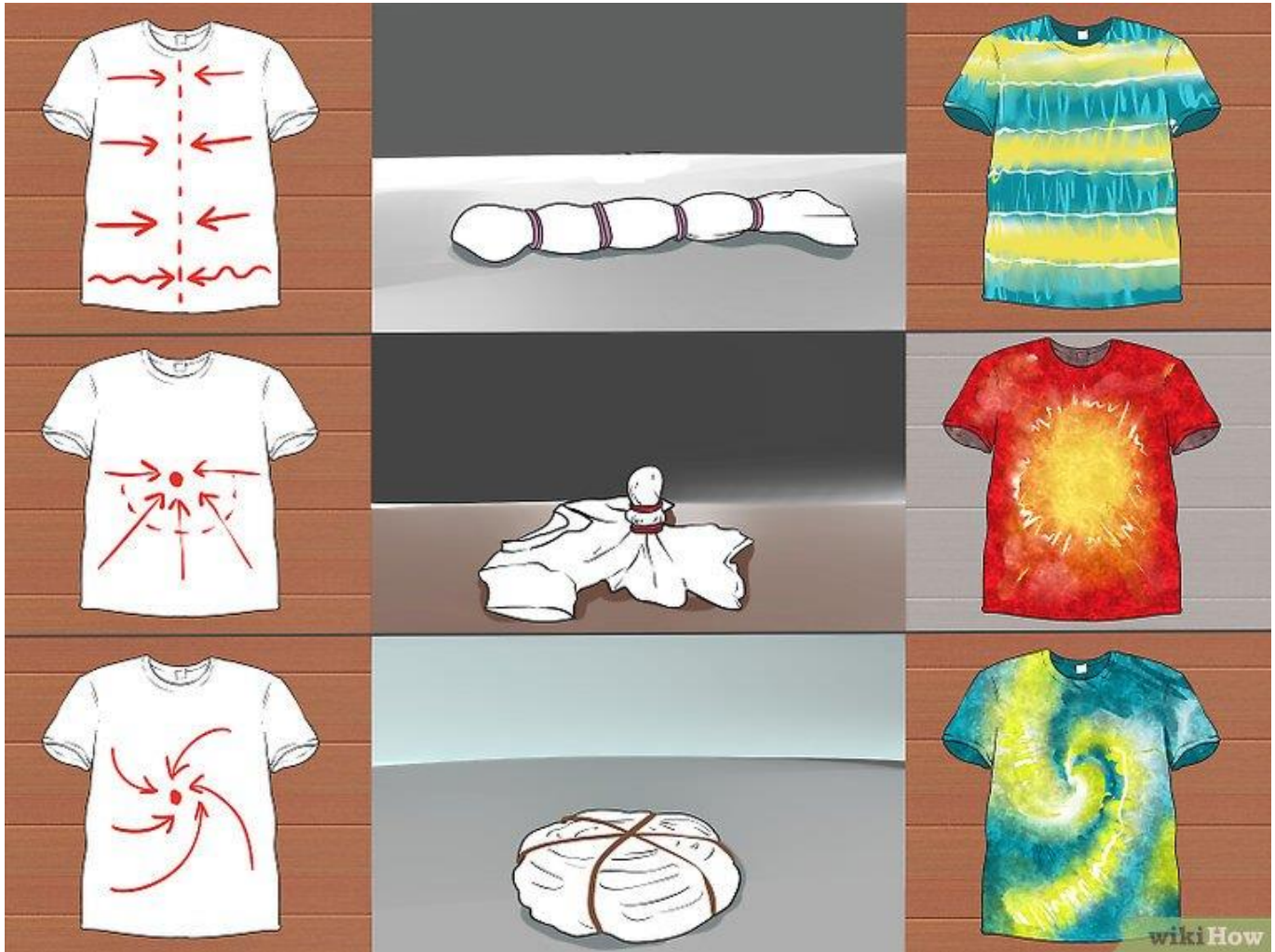
Virginia 4-H STEM @ Home Activity

Apply:

1. What other reasons would we use bleach?
2. How would bleach interact with other surfaces?

Notes for Parents or Helpers:

Make sure gloves and even goggles are worn when making bleach mixture and spraying over clothing items. Be careful of when you wash the item that excess bleach may get on other items also being washed.



See instructions on tie-dyeing here at wikihow: <https://www.wikihow.com/Tie-Dye-a-Shirt-the-Quick-and-Easy-Way#/Image:Tie-Dye-a-Shirt-the-Quick-and-Easy-Way-Step-5-Version-3.jpg>



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