

KEEP THE SCIENCE GOING!

1. Check out STEMisphere.org for more resources about immersive, hands-on learning experiences, to support STEM learning.
2. Try this fun activity at home...

It is never too early to spark an interest in STEM – the combined approaches of science, technology, engineering, and math – in your children.

Now that they've experienced Science on the Road...*Here's how you can Keep the Science Going!*

Plan a family trip to Carnegie Science Center!

RAINBOW PAPER ACTIVITY!

Make your own rainbow at home with this simple science activity, all while learning about color science!

MATERIALS:

- A bowl filled with water
- Clear nail polish
- Black construction paper or black card stock
- Paper towels
- Adult supervision
- Perform in a well-ventilated area

STEPS:

1. Fill a bowl with cool water (about half-way)
2. Dab a drop of nail polish into the bowl of water
3. Immediately place your black paper into the bowl and remove it
4. Place black paper on a paper towel to dry
5. Watch in amazement as the colors immediately change on your paper, resembling a rainbow!
6. You can try this activity repeatedly to see how your rainbow changes!

SHARE YOUR RESULTS @ScienceOnTheRoad:

Like Science on the Road on Facebook and message us photos of your activity. You could be featured in our album *Rainbow Paper Activity!*

Fun Fact: The rainbow colors are caused by thin-film interference, a natural phenomenon you see when light waves, reflected by the upper and lower boundaries of a thin film, affect one another. These borders will increase or limit the amount of light reflected. You can see this in soap bubbles and when you hold your paper at different angles changing the light reflected creating rainbows of color.

Valid until Saturday, Aug. 31, 2019

Present this coupon to Carnegie Science Center for
ONE FREE CHILD ADMISSION
when accompanied by a paying adult.

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