



Handwashing: The Best Way to Get Rid of All of the Germs

An At-Home STEM Lesson Plan Crafted by BGCH STEM Specialist Chaelee Dalton

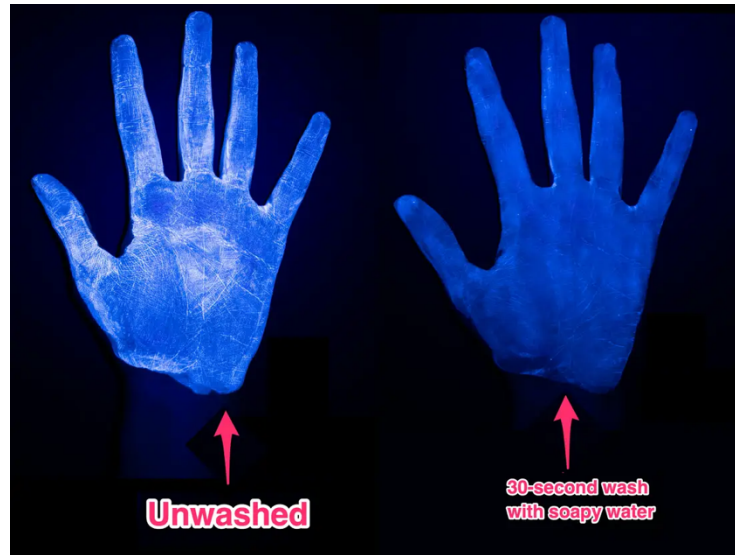


Photo: Business Insider

Coronavirus. COVID-19. Lately, I'm sure you've heard a lot about Coronavirus. This lesson is the second STEM lesson plan which explores different Coronavirus topics. This lesson builds upon the last lesson plan (soap vs sanitizer) to explore more about handwashing: specifically, whether soap or no soap is better and how long is safe to wash your hands. These lessons will help you and your child understand the science and math behind coronavirus and how to make sure your community stays safe!

If your child cannot read, read the text out loud to them. Ask them the questions and have them respond and/ or solve on a separate sheet of paper. If your child can read, simply give them the second page of this handout and have them read the text out loud or in their head.

Materials: Blank paper, pen or pencil, internet access/YouTube

Addresses Common Core Standards:

CCSS.MATH.CONTENT.1.MD.A.1
CCSS.MATH.CONTENT.5.MD.A.1
CCSS.MATH.CONTENT.5.OA.B.3

Addresses NGSS Standards:

2-PS1-1
3-LS4-3
5-PS1-1
5-PS1-4



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Do you remember these images from last week? What does the glowing represent? If you don't remember, check the [STEM lesson plan](#) from last week!

On a separate piece of paper, write down what the glowing represents.

The glowing represents _____.

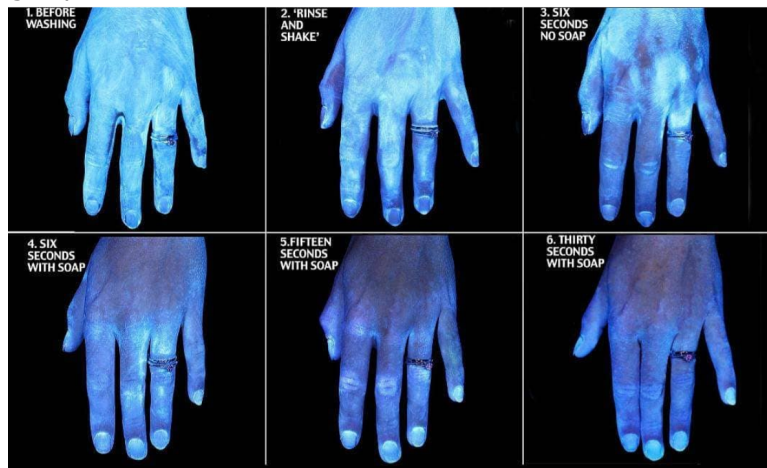


Image from [Kristen Bell](#)

Which parts of the hand glow even after hand washing with soap?

_____ glows even after hand washing with soap.

It is important to wash these parts of our hands very carefully!

On a separate piece of paper, write which of the methods shown is the best to get rid of germs.

_____ is the best way to get rid of germs. I know
(Rinse and shake, six seconds no soap, thirty seconds with soap, etc.)
because _____

Watch [this clip](#) to learn more. Question: How long should you wash your hands? Why?

Finally, check out [this poster](#) on washing your hands and practice on your own!