# Immunologist Career Maker Activity

#### From the book Careers in STEM A to Z

https://youngstems.com/products/

Immunologist poster: <a href="https://youngstems.com/photogallery/gallery12/">https://youngstems.com/photogallery/gallery12/</a>

# Microscope Lenses and Coronavirus Slides

### Materials for Pretend Microscope Lenses:

- 1-2 empty paper towel rolls OR 4 toilet paper rolls
- Scissors
- Tape

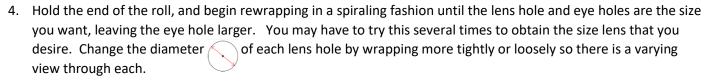
#### Directions:

You will be re-rolling the existing roll to make different size lenses.



- 2. Pull or cut 3 of the rolls apart at the spiral seams.
- 3. Decide which end will be the bottom of the lens and which will remain more open as the eye hole.

(Younger children may need help with the remaining steps.)



- 5. On the outside of the lens, tape down the end of the roll to hold it together.
- 6. Use the lenses by looking at the same item or selected area using the different lenses. Observe how the size of the hole opens or narrows the view.

Cardboard Microscope: <a href="https://www.youtube.com/watch?v=83mrft-la70">https://www.youtube.com/watch?v=83mrft-la70</a>

#### Materials for Pretend Microscope Slides:

- 1 sheet of thin cardboard or stiff tagboard, about 8.5 x 11 inches
- Scissors
- Crayons, colored pencils, or markers

## Directions:

- 1. Cut the sheet of thin cardboard or tagboard into 2 x 4 inch size rectangles.
- 2. Look up what Coronavirus looks like: <a href="https://www.npr.org/2020/02/13/805837103/images-what-new-coronavirus-looks-like-under-the-microscope">https://www.npr.org/2020/02/13/805837103/images-what-new-coronavirus-looks-like-under-the-microscope</a>
- 3. Using crayons, colored pencils, or markers to draw the images of the Coronavirus.

Immunologist in-training: <a href="https://www.nature.com/articles/d41586-019-02334-9">https://www.nature.com/articles/d41586-019-02334-9</a>



