Remember: The COMBINATION of fit and filtration is the most important when wearing a mask! Wearing a homemade cloth mask does not provide complete protection. (Stay home!)

Wash your hands!

When you put on or take off a mask, your hands touch your face. Any time you place your hands on your face, you can spread the virus from your hands to your face.

Wear it right!

- Remove when wet because moisture affects filtration
- Distance yourself from people (stand back when someone coughs; side-step the direct spray)
- Consider using a pantyhose tube (open on both ends) to hold the face mask in place to prevent air leakage (which also adds another layer of fabric)

Design

- Create a snug mask that fits around the nose and mouth for either kids or adults. Most particles enter from a loose seal on the face, not the filter.
- Do NOT use a rectangular shaped design with loops that connect behind the ears because they do NOT filter air pollution particles well.
- Know that any mask is better when the seal on the face is good.
- Use a cone or tetrahedral shaped pattern because it filters the most air pollution particles.

If you have to create a rectangular design:

- Use pleats to improve filtration efficiency
- Create a mask that extends far back over the cheeks and under the chin to prevent leakage.

Fabric

- Researchers have different opinions about which type of fabric to use. Consider using:
  - Hanes sweatshirt material
  - Tea towel
  - 100% cotton t-shirt (remove when moist)
- Use multiple layers of fabric
- Use a soft fabric because stiff materials may leak more organisms around the edges of the mask.
- Select a fine fabric with a tight weave