



ITCHY INVENTOR

WONDERING

Why can't I touch my face? How can I keep from touching my face?

In addition to washing our hands, it is important to keep from touching our faces with our hands. Viruses and germs are very small. And they can be sneaky! We can get sick when just one of them travels from your hand or finger into your nose, your ear, your eye, or your mouth. Eek! And ick! While we must remember to wash our hands regularly, we must also learn to avoid touching our faces with our fingers and hands. But what if I have an itchy face? Let's invent a safe scratcher!

ACTIVITY

Let's get started by washing our hands like we learned in the video. Then, we need to put on our thinking caps! Your challenge is to design a safe face scratcher. For this activity, you need to create a design for your invention. Some of us like to draw. Others like to use a computer or tablet. Choose your favorite and turn on your creativity! Some questions to consider:

- What will it be made of?
- How can it be cleaned and sanitized?
- How will it be powered?
- How can you make sure it won't accidentally poke your eyes or pick your nose?

Many inventors create more than one design so they can test different prototypes to see which one works the best. If you want to create more than one design, go ahead and do so. After you create your design(s), find an adult to share your work. Explain to them what your invention is and what it does. Ask them to give you questions and feedback. Listen to their ideas. Then, if necessary, go back to your design and make changes to make it better. When you're done, share your changes with your friend or parent. If they have more questions or suggestions, listen to them and improve your design even more!

MATERIALS

- Paper
- Markers, crayons or colored pencils
- (Optional) computer or tablet for designing

EXTRA CREDIT!

A prototype is a physical model of your design. It helps others see how your design might work. Even if it is made from different materials or doesn't work perfectly, it can help make your design more life-like. If you have the materials to create a simple prototype, go ahead and craft one to share with your family. Remember, even your prototype must be sanitizable if it will be tested on your face.

