



ADVENTURE WORKSHEET

Germs Alive!

Cub Scouts · Elective · Wolf rank

Name

Started

Completed

This adventure shows how germs spread and how to stop them. You'll do messy demonstrations, grow some mold, and learn the best way to wash your hands. It's science you can see and use every day.

Requirements

Every official requirement, in plain language. Check the official wording when you sign off (scouting.org/cub-scout-adventures/germs-alive/). Tips and examples are ideas, not extra requirements.

☐ 1 Sing "Happy Birthday" twice while you wash your hands with soap and water

Tip: Scrub fronts, backs, and between your fingers while you sing Happy Birthday twice.

Example: Wet your hands, add soap, and scrub the backs, between your fingers, and under your nails while you sing Happy Birthday twice. Then rinse and dry with a clean towel.

☐ 2 Play Germ Magnet with your den or family, then wash your hands

Tip: After Germ Magnet, see how far the germs spread, then wash them off.

Example: In Germ Magnet, one person's hands get glitter as pretend germs. After a few handshakes and passing a ball around, everyone checks how far the germs traveled.

☐ 3 Do the sneeze demonstration

Tip: Use a spray bottle to show how far a sneeze travels, then practice sneezing into your elbow.

Example: Fill a spray bottle with water, hold it at nose height, and spray once over a long sheet of paper. Measure how far the drops go. Then try again with an elbow in front.

☐ **4** Do the mucus demonstration

Tip: Try the mucus demo to see how your nose traps germs.

Example: Spread something sticky, like corn syrup, on a plate and sprinkle pepper over it. The sticky part traps the bits, just like mucus traps germs and dust in your nose.

☐ **5** Grow a mold culture and show what grew at a den or pack meeting

Tip: Put bread in a sealed bag in a warm spot and check it each day. Keep the bag closed.

Example: Touch one slice of bread with unwashed hands and another with clean hands. Seal each in a labeled bag and check them every day. Show the bags, still sealed, at your meeting.