



**WEEK 3:**

**GROSS-ODOGY**

## ARE YOU READY FOR SOME SMELLY, ICKY, GROSS FUN?

Have you ever encountered something that smelled, looked, felt or tasted gross? There is a good reason! We can have a negative reaction to gross things to help protect ourselves from things that may be bad to eat or touch. However, that doesn't mean they are all bad. There are many things we might consider gross-from mold and bugs to germs and scat, but they are all an important part of our world! Mold might smell and look gross and bugs, like flies, might give us that creepy crawly feeling, but both are important decomposers. Decomposers break down waste and dead things, and put those nutrients into the soil so that plants and other living things can survive and grow. Germs can make us feel sick, but there are kinds of good bacteria that help animals and humans digest food or even provide them with vitamins. Scat may smell stinky and look mushy or slimy, but it can help fertilize plants and can tell scientists about what animals might eat, their health and where they have been.

**DAY 5:**

**GIGANTIC GERMS**

Germs are a common name for tiny living things, like bacteria, viruses and fungi, that can sometimes make us sick. They live all around us in the air, in water and even in our food. That's why it is so important to wash our hands after we touch things, cover our mouth when we cough or sneeze and make sure to wash and cook our food properly. But not all germs are bad! You have good bacteria in your body that helps you digest food and stay healthy. Germs come in many different shapes, but are too small to see with our eyes, which is why scientists use microscopes to study them. Let's make a gigantic germ everyone can see!

**Before you start, you should have:**

- Paper
- Art supplies like crayons, paint or markers
- Glue or tape
- Optional: other creative materials such as pasta, glitter, straws, tissue paper, etc.



Sam Noble Home



For more activities visit [samnoblemuseum.ou.edu/samnoblehome](http://samnoblemuseum.ou.edu/samnoblehome)

## Get started:

1. Look at some of the images below to get an idea of what different germs look like up close or do an image search for “bacteria,” “viruses,” and “microscopic fungus.”



• [https://th.bing.com/th/id/OIP.RiZexJ\\_aW9HjEHQAdZrdJwHaE8?pid=Api&rs=1](https://th.bing.com/th/id/OIP.RiZexJ_aW9HjEHQAdZrdJwHaE8?pid=Api&rs=1)



• <https://th.bing.com/th/id/OIP.pX3oHvntCMhl8VMBlj5dLQHafW?pid=Api&rs=1>



• <https://i2.wp.com/sitn.hms.harvard.edu/wp-content/uploads/2017/03/bacteria-106583.jpg?resize=1920%2C768>



• <http://sitn.hms.harvard.edu/wp-content/uploads/2016/04/syn30.jpg>



• <https://62e528761d0685343e1c-f3d1b99a743ffa4142d9d7f1978d9686.ssl.cf2.rackcdn.com/files/26175/article/area14mp/2gj7w5xc-1372179603.jpg>

2. Think about how you would like to design your own germ using the materials you have. What features would it have? What colors would it be?

3. Create your gigantic germ with the craft supplies.

4. When you are finished, share information with someone about your germ! Tell them why you made it look the way you did.

## Keep Exploring!

Some germs can cause us to sneeze, have a runny nose or get an upset stomach. Draw or write about a new invention or idea you have to keep people safe from germs.

## What did you find?

What did you discover? Upload a photo or video and tag the Sam Noble Museum on Instagram or Facebook. You can also use the hashtags **#samnoblehome** and **#summerexplorers** to share!

## More information on germs



<https://kidshealth.org/en/kids/germs.html>



<https://www.childrensmn.org/educationmaterials/teens/article/7654/germs-bacteria-viruses-fungi-and-protozoa/>