

# Gross, Glorious Science

Grades 3-6 (5 book set w/lab)

What does a motorized toilet bowl, "glow in the dark vomit" and "goeey poeey" have in common? They are the perfect way to develop a true passion for science! Come take an interactive, disgusting journey as you learn, laugh and see the world in a different way.

**Books in this set:** 101 Ways to Gross Out Your Friends; It's a Fungus Among Us; Get the Scoop on Animal Snot, Spit & Slime; Get the Scoop on Animal Blood; That's Gross Science Lab

**Learning Objectives:** learn about science concepts

**Essential Questions:**

- How do we determine fact from fiction in science?
- What is the difference between good gross and bad gross?
- What gross adaptations enable animals to survive?
- Why is it important to understand new vocabulary when reading?

**Read to find out:**

1. As you come to unfamiliar words, use strategies to infer what they mean in the sentence. Check the inferred meaning in the glossary or a dictionary.
2. What do you think a "grossologist" is?
3. After reading about each topic, write the meaning in your own words
  - Vomit?
  - Snot?
  - Spit?
  - Urine?
  - Gas?
  - Poop?
  - Blood?
  - Medicine?
  - Bacteria?
  - Fungi?
4. For each of the above, write something factual, why it is important, something positive, and why it is gross.
5. How does Julie Huffman combine fiction and non-fiction in ***101 Ways to Gross Out Your Friends?***

6. Find specific examples of why mucus and spit are important to many animals.
7. Where are chemicals found in animals? How do animals use these chemicals?
8. Explain how animals use “slime” to eat, breathe, protect, communicate and build.
9. How do you use mucus and spit?
10. What would happen if all of your spit dried up?
11. Find synonyms in the book. How many different words can you find for “poop”? Vomit? Fart?
12. How do we know that humans are fascinated by blood?
13. Why is pollution gross, but not a cool kind of gross?
14. What other ideas or things in the book are gross, but not “cool”?
15. What is gross about a bathroom?
16. Explain gross things that happen to the human body.
17. How can you prevent these things from happening?
18. How did the authors create humor in the books?
19. Discuss something that; shocked you, made you laugh, made your nose crinkle, and made you gag.
20. How does temperature affect saliva? Find examples from the text.
21. Are you a zombie? Explain.
22. Why is medicine gross?

### **Activities**

Read one of the “Strange but True stories” Research the science behind it and present to the class.

Create a true or false trivia card game. Play with a friend.

Write an opinion essay on:

Some things can be considered funny “gross”, however \_\_\_\_\_ is just plain gross!

Research what happens to people when their mucus and saliva dry up?

How has medicine changed through the years? What affect does that have on animals including humans?

Create a class "Gross Recipe book" Have a "Gross Science feast".

**For more information on this topic, please refer to the books below:**

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| 9781633221680 | 101 Ways to Gross Out Your Friends  |
| 9781633222274 | Get the Scoop on Animal Blood: From Blood-Squirting Lizards to Blue-Blooded Crabs, 251 Cool Facts                       |
| 9781633221154 | Get the Scoop on Animal Snot, Spit & Slime!: From Snake Venom to Fish Slime, 251 Cool Facts About Mucus, Saliva & More! |
| 9781633221543 | It's a Fungus Among Us  |
| 9781603802796 | That's Gross Science Lab  |