

Brainstorm: how can we learn Science?

- 1) Some ways we can learn about Science are...
- 2) I learn Science best...
- 3) Some Science topics I'm interested in are...
- 4) I hope we can _____ in Science

BONUS: Should we repeat any experiments we've done in previous years? Explain!





Spooky Science 2024!

Exploring the science behind things that make us scared, terrified, grossed-out, repulsed, and curious

**Make a list of things that
scare you, creep you out, or
disgust you!**

We'll be exploring the Science of things that make us feel SQUEAMISH!

Let's learn about blood, body odour, the history of the toilet, tooth decay, DNA, the weirdest germs... and lots more! !

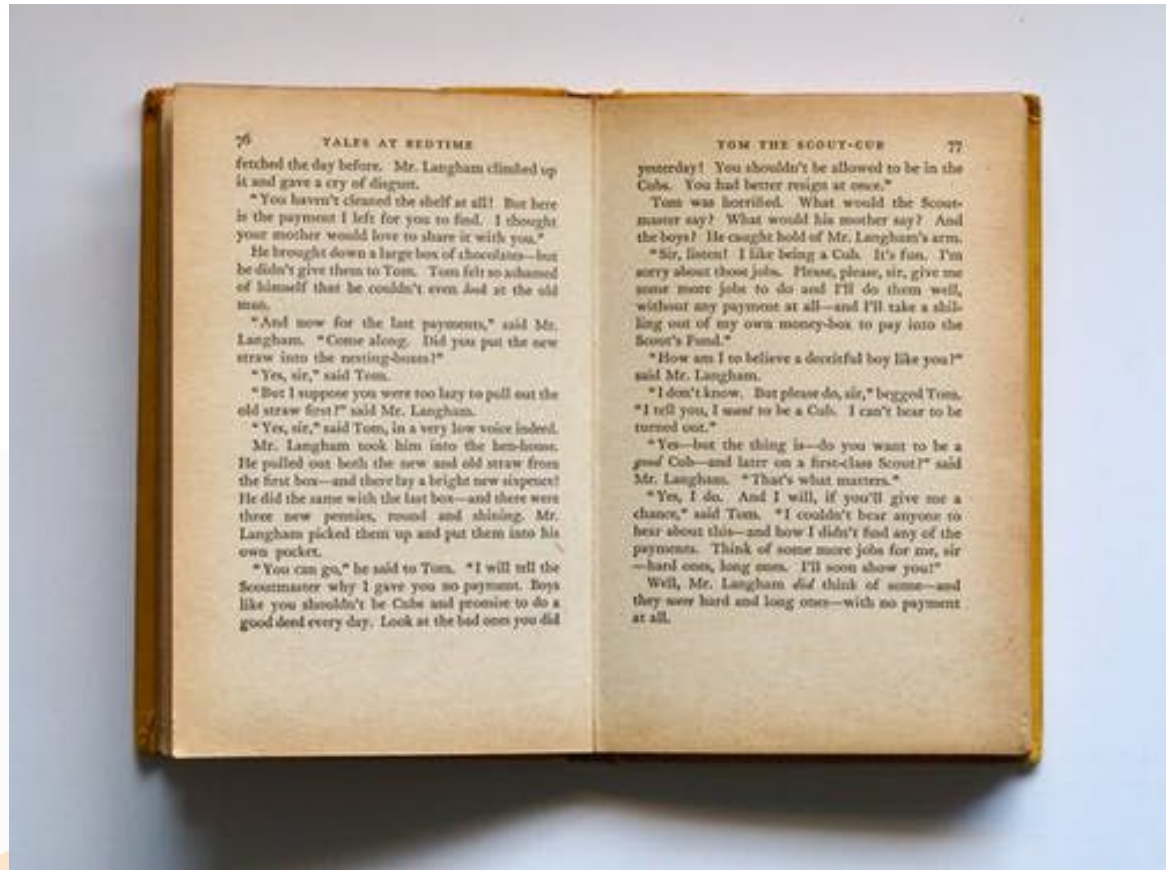


**Make some observations...
what is in each photo?**

What is the object in this photo?



Pages in a book!



fetched the day before. Mr. Langham climbed up it and gave a cry of disgust.

"You haven't cleaned the shelf at all! But here is the payment I left for you to find. I thought your mother would love to share it with you."

He brought down a large box of chocolates—but he didn't give them to Tom. Tom felt so ashamed of himself that he couldn't even look at the old man.

"And now for the last payments," said Mr. Langham. "Come along. Did you put the new straw into the nesting-boxes?"

"Yes, sir," said Tom.

"But I suppose you were too lazy to pull out the old straw first!" said Mr. Langham.

"Yes, sir," said Tom, in a very low voice indeed.

Mr. Langham took him into the hen-house. He pulled out both the new and old straw from the first box—and there lay a bright new sixpence! He did the same with the last box—and there were three new pennies, round and shining. Mr. Langham picked them up and put them into his own pocket.

"You can go," he said to Tom. "I will tell the Scoutmaster why I gave you no payment. Boys like you shouldn't be Cubs and promise to do a good deed every day. Look at the bad ones you did

yesterday! You shouldn't be allowed to be in the Cubs. You had better resign at once."

Tom was horrified. What would the Scoutmaster say? What would his mother say? And the boys! He caught hold of Mr. Langham's arm.

"Sir, listen! I like being a Cub. It's fun. I'm sorry about those jobs. Please, please, sir, give me some more jobs to do and I'll do them well, without any payment at all—and I'll take a shilling out of my own money-box to pay into the Scout's Fund."

"How am I to believe a deceitful boy like you!" said Mr. Langham.

"I don't know. But please do, sir," begged Tom. "I tell you, I want to be a Cub. I can't bear to be turned out."

"Yes—but the thing is—do you want to be a good Cub—and later on a first-class Scout?" said Mr. Langham. "That's what matters."

"Yes, I do. And I will, if you'll give me a chance," said Tom. "I couldn't bear anyone to hear about this—and how I didn't find any of the payments. Think of some more jobs for me, sir—hard ones, long ones. I'll soon show you!"

Well, Mr. Langham did think of some—and they were hard and long ones—with no payment at all.

What is the object in this photo?



**The stem of an
apple!**



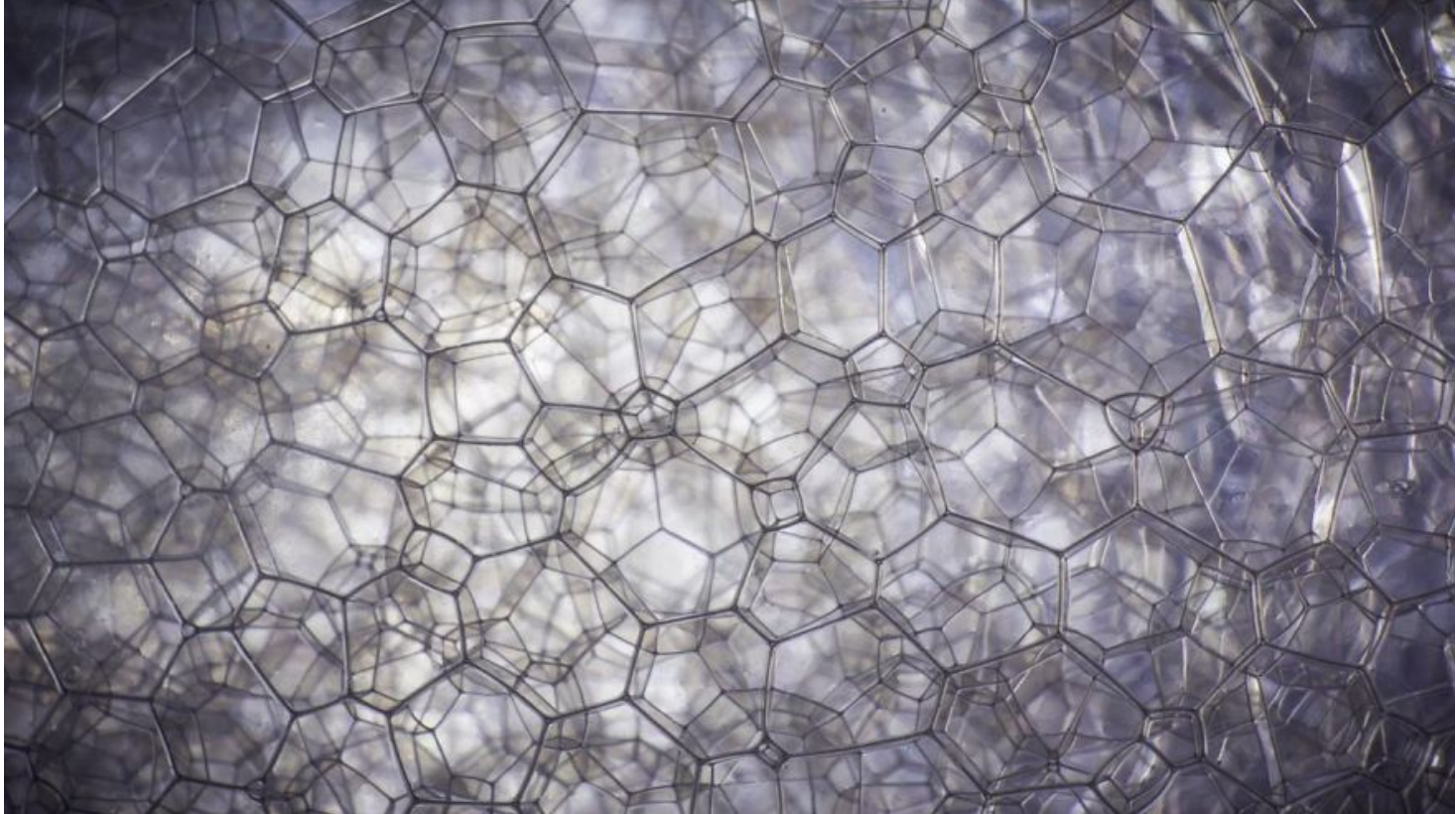
What is the object in this photo?



**A particle of
sugar!**



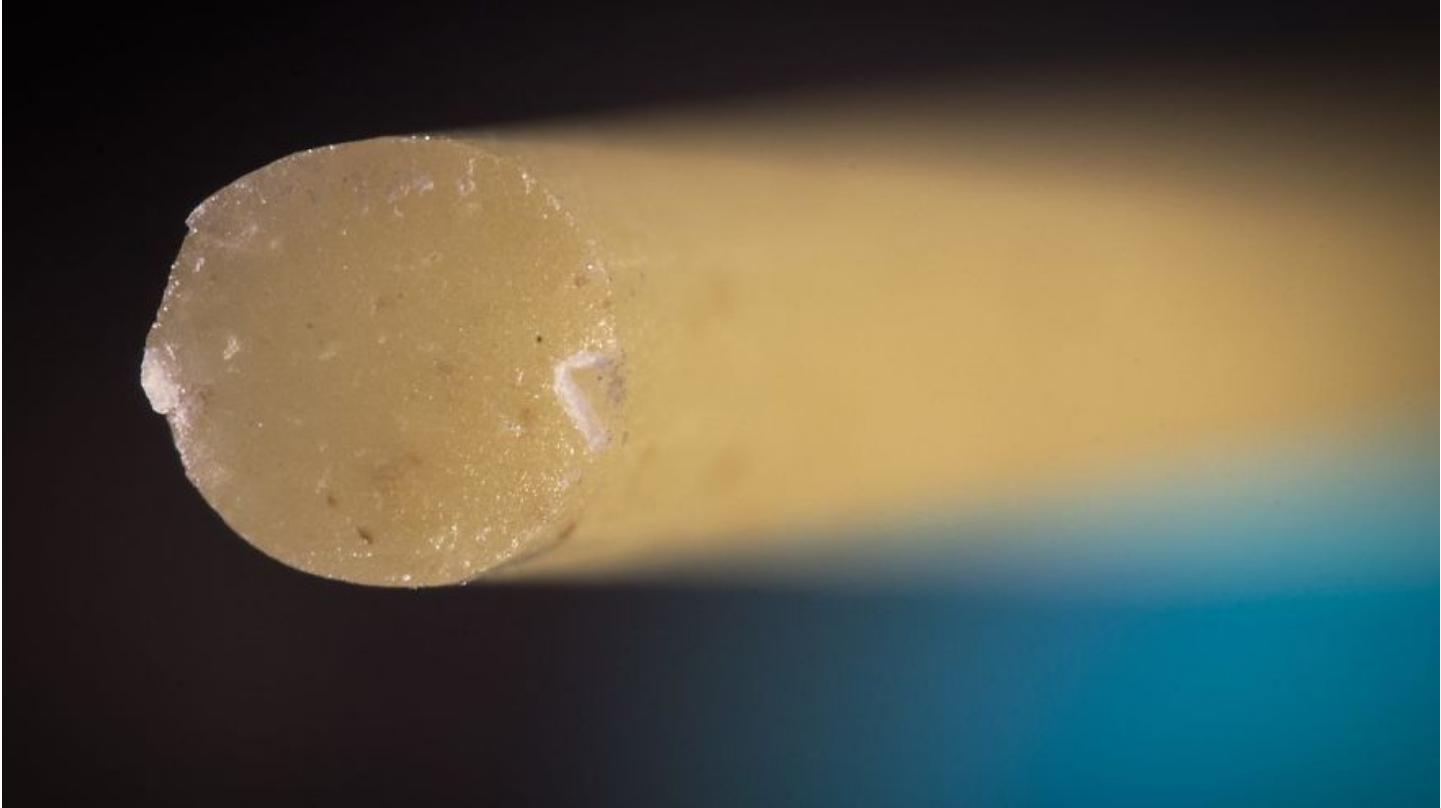
What is the object in this photo?



Soap bubbles!



What is the object in this photo?



**An uncooked
spaghetti
noodle!**



What is the object in this photo?

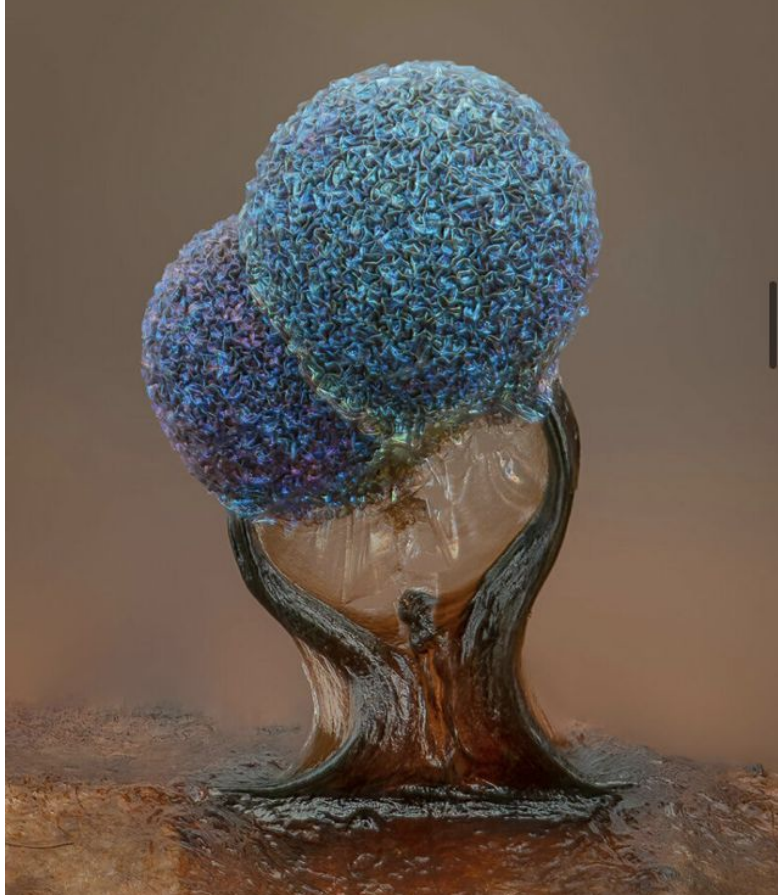


**Kettle-cooked
potato chips!**



Let's examine some MICROBIOLOGY!





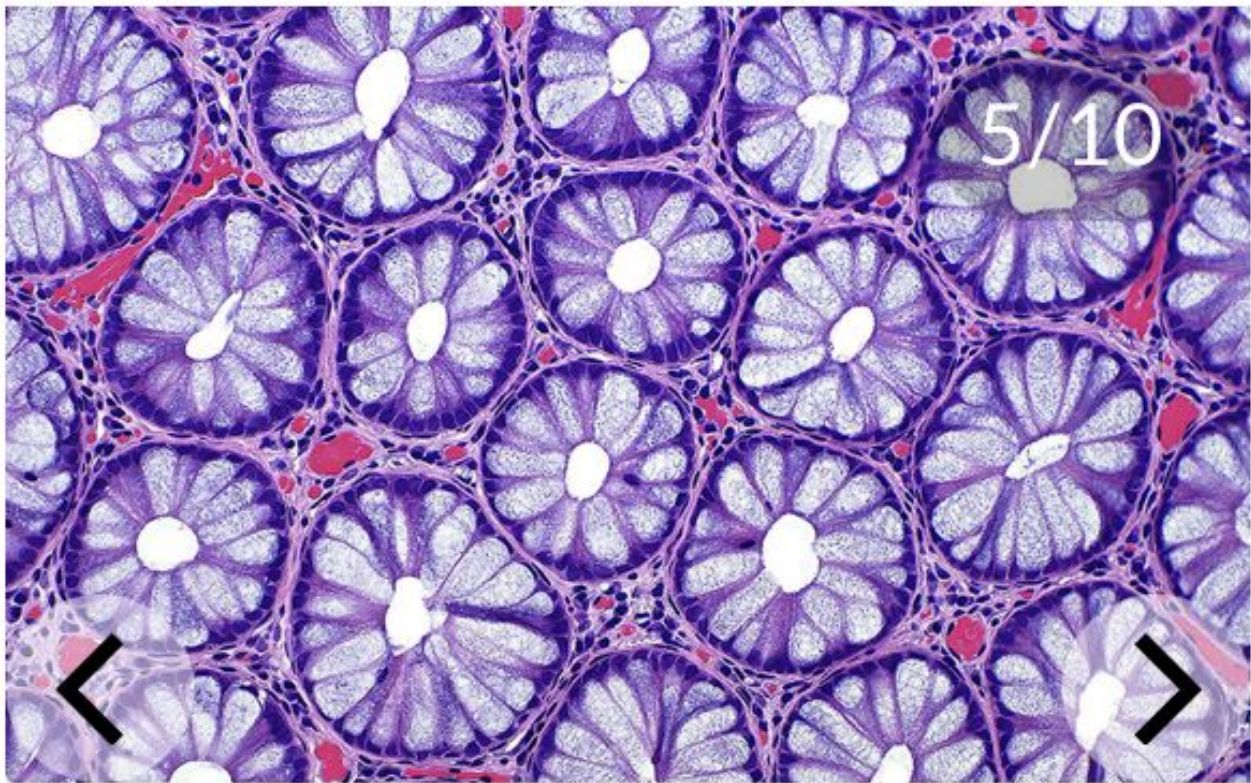
A slime mould spore



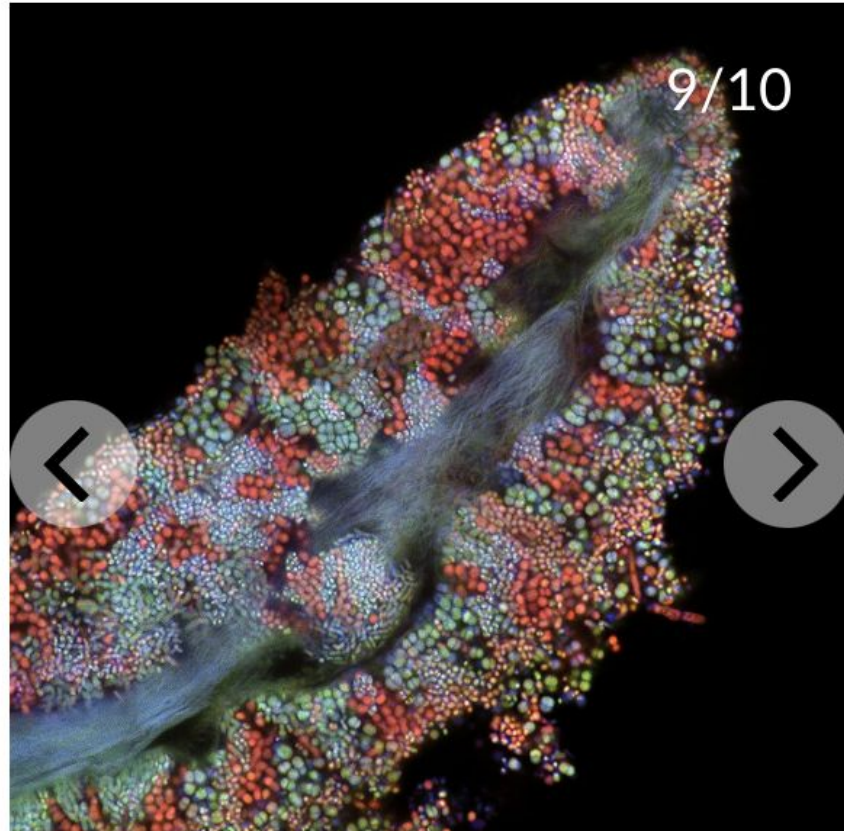
An anemone polyp



A butterfly egg



The interior of a human large intestine



The microfilm (bacteria) on a human tongue

—

The ~~disgusting~~ fascinating
world of your microbiology:
exploring what it means to
be human on a teeny tiny scale

**“Microbe” here will =
bacteria, fungus, or viruses**

Brainstorm:

Where might you find
microbes in/on the
average human?
