

Swavesey Village College

Jenny Barker and Tabitha Steel

Complete the sequence...

1, 2 ...

Find as many as you can ... be creative!

Write first 5 terms

Describe how to get to the next term

Germ Facts

- One germ can multiply to more than 4 million in just 8 hours
- The number of germs on fingertips can double after using the toilet
- If you wear a ring, there could be over 700 million germs under it. Millions of germs can also hide under watches and bracelets
- Damp hands spread 1000 times more germs than dry hands



Germ Facts

- A housefly can transport germs as far as 15 miles away from the original source of contamination.
- Germs can be spread on computer mice and keyboards, chewed pencils, telephones, salad-bar tongs, light switches and door knobs.

Joke Answer

To get to the
other slide!



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Joke

Why did the germ cross the microscope?



AG-Ma



What and Where Are

A germ is a sma with the naked eye. diseases. Germs like your skin. Disease ca to food. Even though they can be in many themselves to our foo you eat them.

Why Do You Need to



you
is a
ren
can
was

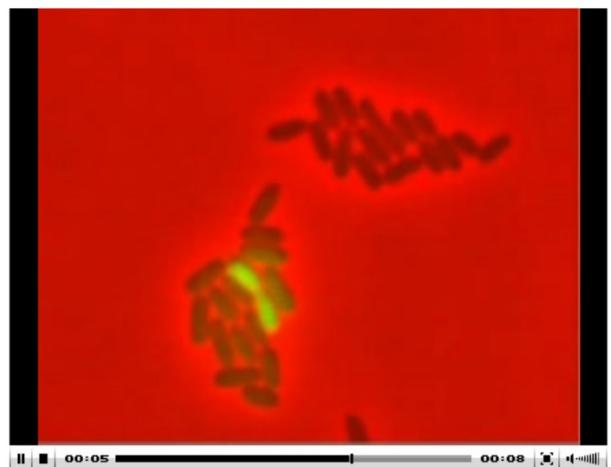
When Should You Wa

You should wash y wash your hands befor Whenever you blow yo playing with animals or to wash your hands.

Cells...

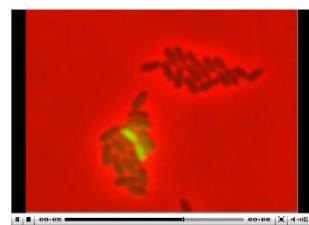
<http://www.physorg.com/news173881258.html>

If every cell divides every hour...



How many cells are there after 4 hours?

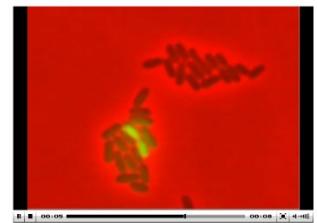
Cells...



How many cells are there after 4 hours?

What additional information do you need?

How many cells after 4 hours?



Every cell divides every hour.

How many cells do you have if you start with 1 cell?

How many cells do you have if you start with 2 cells?

Starting with 5 cells?

General rule?

Germ Trivia Facts

- One germ can multiply to more than 4 million in just 8 hours
- The number of germs on fingertips can double after using the toilet
- If you wear a ring, there could be over 700 million germs under it. Millions of germs can also hide under watches and bracelets
- Damp hands spread 1000 times more germs than dry hands

Joke

Why did the germ cross the microscope?



What is the cell doubling rate?

Germ Facts

- A housefly can transport germs as far as 15 miles away from the original source of contamination.
- Germs can be spread on computer mice and keyboards, chewed pencils, telephones, salad-bar tongs, light switches and door knobs.

To get to the other slide!



Maryland Ag in the Classroom

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What and Where Are

A germ is a small living thing that can't be seen with the naked eye. Germs are everywhere. They are found in the air, water, soil, and on many surfaces. Germs can cause diseases. Germs like to live on your skin. Disease can be spread through food. Even though germs are small, they can be in many places and can get into our food and make us sick.

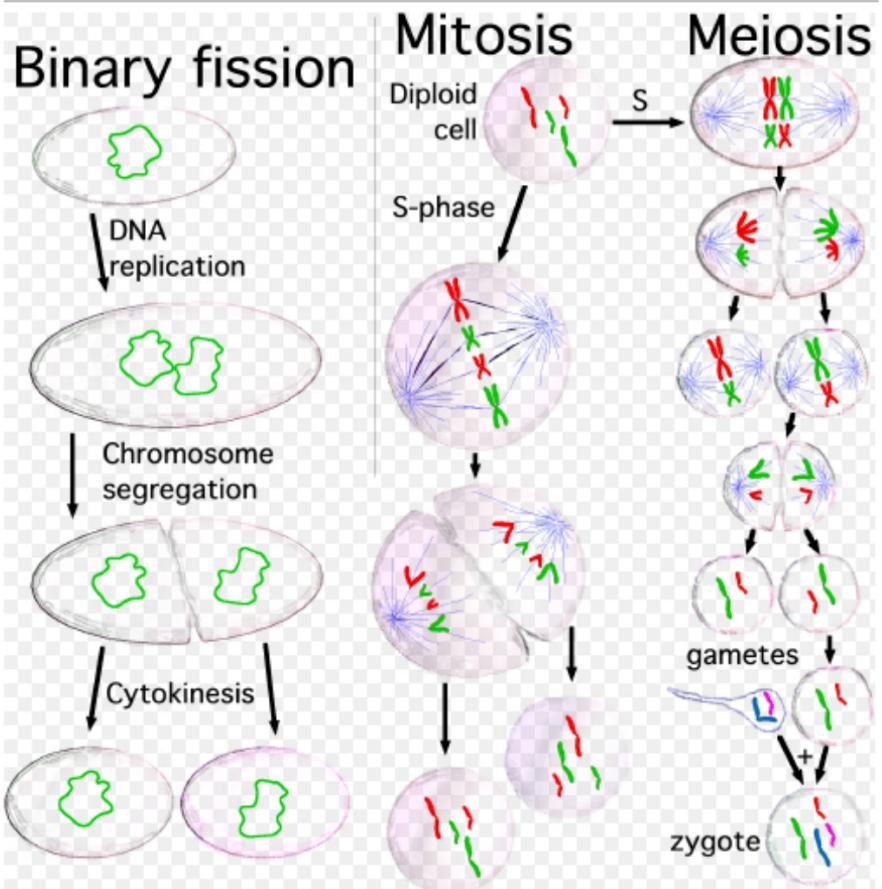
Do You Need to



you is a
ren can
was

When Should You Wash

You should wash your hands before eating, after using the bathroom, whenever you blow your nose, after playing with animals or after touching raw meat. It's important to wash your hands.



Cats and Kittens



Cats can't add but they can multiply!

**In just 18 months, this female cat can have
2000 descendants**

Make sure your cat cannot have kittens

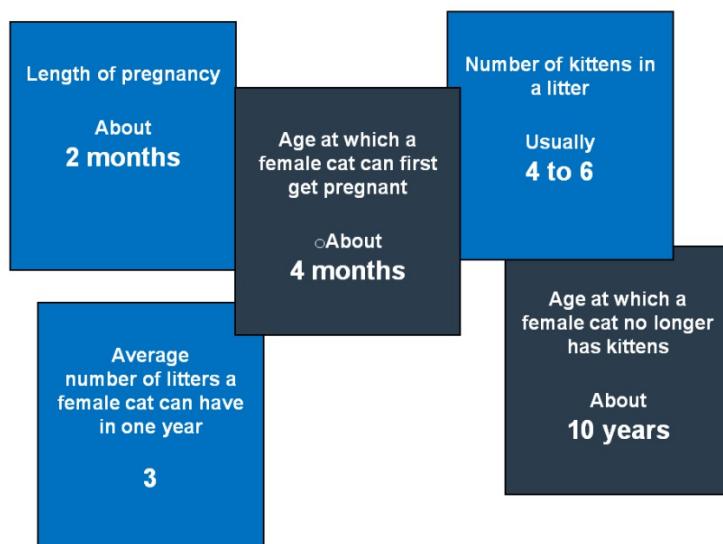
This is a poster produced by an organisation that looks after stray cats.

**Before they publish it, they have asked you to check if this number
of descendants is realistic**

<http://www.youtube.com/watch?v=CMzW3LlkNLA>

Cats and Kittens

You will need some of these facts about cats



Where would you put this in your SOW

Who would you teach this too?

What other topics can be related to cell division?

Could this work as a cross curricular project?