

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 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?



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!



Maryland
Ag in the
Classroom

www.maeonline.com



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

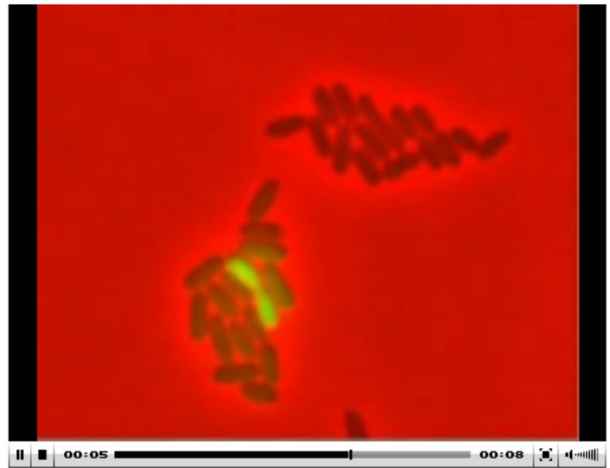
When Should You Wa

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

Cells...

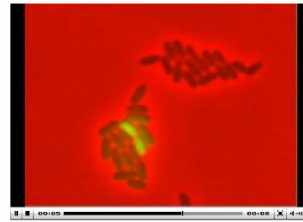
<http://www.physorg.com/news173881258.html>

If every cell divides every hour...



How many cells are there after 4 hours?

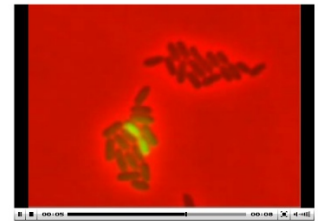
Cells...



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

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Joke

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cross the
microscope?



What is the cell
doubling rate?

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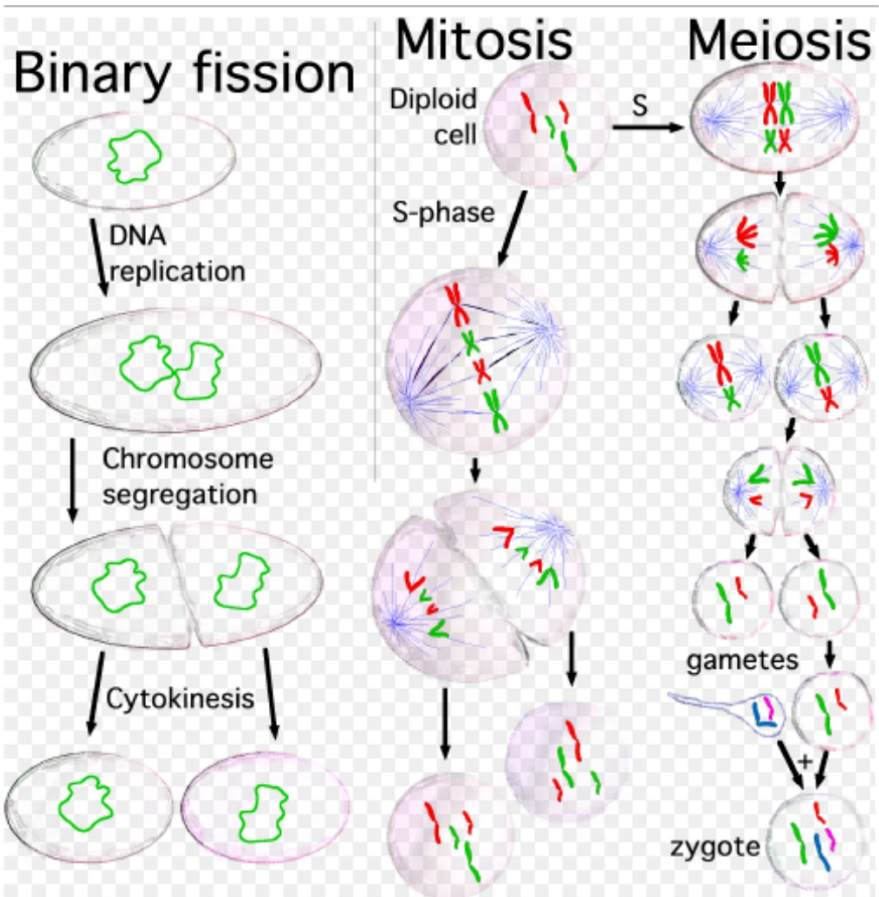
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Cats and Kittens



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=CMzW3LkNLA>

Cats and Kittens

You will need some of these facts about cats

Length of pregnancy

About
2 months

Number of kittens in
a litter

Usually
4 to 6

Age at which a
female cat can first
get pregnant

○About
4 months

Average
number of litters a
female cat can have
in one year

3

Age at which a
female cat no longer
has kittens

About
10 years

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?