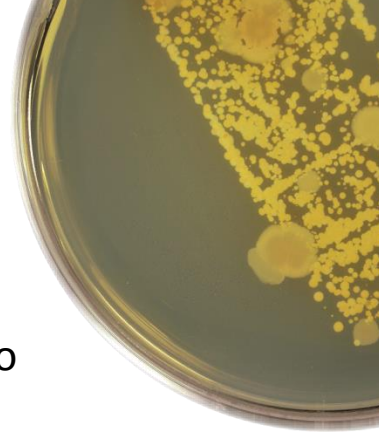


Bacterial Growth

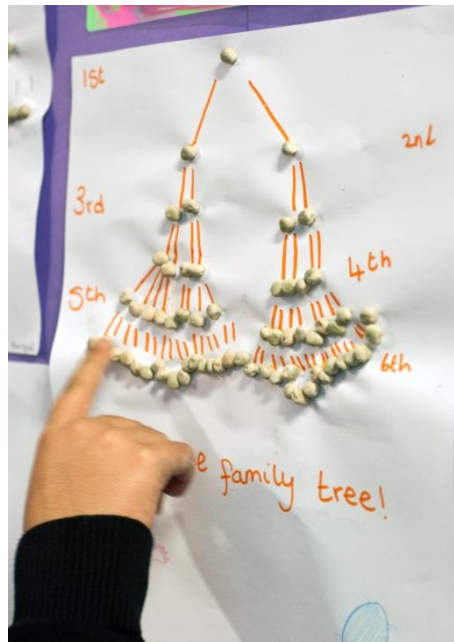
Bacteria do not reproduce like we do – instead of one bacterium producing another baby bacterium, they undergo what is called ‘binary fission’ and split into two new bacteria altogether!



Watch the video on this page to see how quickly they can grow:

<https://www.youtube.com/watch?v=gEwzDydcIWc>

Now try modelling this with peas yourself:



How many divisions until you have 512 bacteria? If each division cycle takes 20 minutes how long would it take? How many bacteria after 15 divisions?