



## Microbes Progress Check

Name

Date

	Learning Outcomes	✓ 😊	? 😐	x 😞
L2	<i>I know that bacteria, viruses and fungi are all examples of microbes.</i>			
	<i>I know that microbes can multiply rapidly.</i>			
	<i>I can state that some microbes are useful (and give some examples) whilst others are harmful</i>			
1	I can define a microbe as an organism that cannot be seen with the naked eye.			
2	I can state the three types microbe: bacteria, fungi, and viruses and give an example of each			
3	I can state that all viruses cause diseases. (e.g .colds, flu and chickenpox)			
4	I can state some examples of diseases caused by bacteria (e.g. sore throat and food poisoning).			
5	I can state some examples of diseases causes by fungi (e.g. athletes foot and ring worm)			
6	I can carry out an experiment to investigate how moisture or temperature affect microbe growth.			
7	I can describe an experiment to investigate how pH and food available affects microbe growth.			
8	* I can carry out exponential calculations to represent the growth rate of bacteria and fungi.			
9	I can state that the growth of bacteria can be controlled with antiobiotics			
10	I can state that some types of fungi can be controlled with antifungal chemicals (creams/sprays)			
11	I can carry out an experiment to swab for microbial growth in different environments.			
12	I can state that the growth of bacteria can be controlled with antibiotics.			
13	I can state the growth of fungi can be controlled with antifungal chemicals (creams, sprays).			
14	I can state that illness due to viruses can be prevented with vaccines.			
15	I can describe my body's first line of defences to prevent infection			
16	I can describe how white blood cells defend the body against harmful microbes			
17	I can state that antibodies are specific to individual types of microbe and that it takes time to produce them.			
18	I can state that antibiotics have no effect on viruses, so the body needs to produce antibodies.			
19	I can state that vaccines are a weakened form of virus sufficient to promote production of antibodies			

	without causing illness.			
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In this topic I have successfully.....

To make further progress I should.....

Target: In the next topic I will.....