

GCSE Biology Learning Checklist

Unit 3: Infection and response

Sub-unit: Preventing and treating disease

I can...		After Lesson	After Revision
1	... describe how the immune systems works		
2	...explain how vaccination protects against disease		
3	... define the term 'medicine'		
4	... describe how painkillers work		
5	... describe how antibiotics work		
6	... state how penicillin was discovered		
7	.. state the name of the drug that originates from foxgloves		
8	...state the name of the drug that originates from willow		
9	... describe the process of discovery and development of potential new medicines, including preclinical and clinical testing		
10	... explain why testing new drugs is so important		
11	... describe how monoclonal antibodies are produced		
12	... state some uses of monoclonal antibodies		
13	explain how monoclonal antibodies are used		
14	... evaluate the uses of monoclonal antibodies		

Keywords:

Vaccine

Antiseptics

Antibiotics

Antibodies

Preclinical trials

Clinical testing

Placebo

Hybridomas

Monoclonal antibodies

Dosage

Efficacy

Toxicity

