

Biology > Big idea BHD: Health and disease > Topic BHD3: Health and infectious disease

Progression toolkit: Pathogens

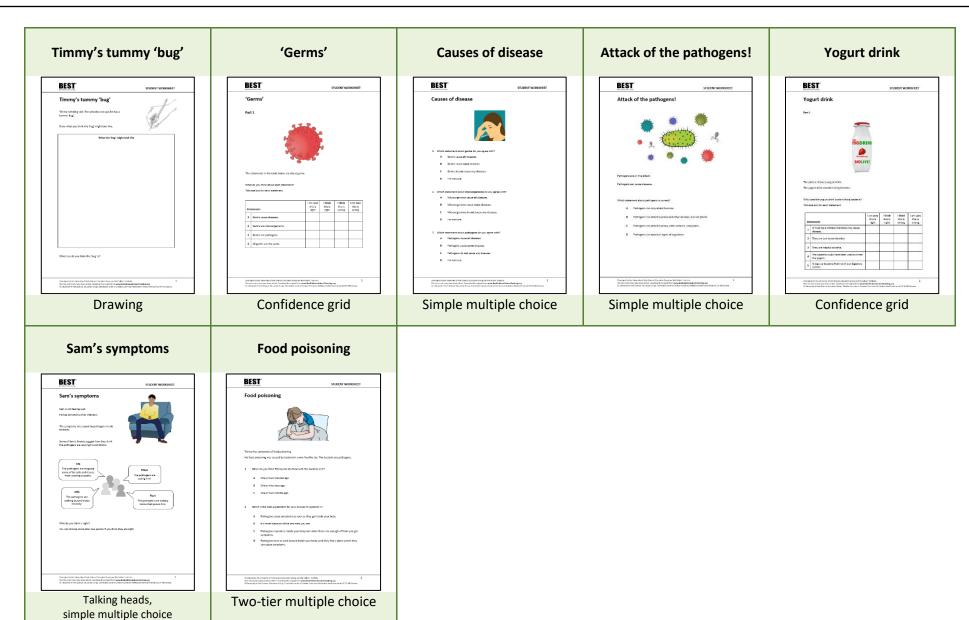
Learning focus	The health of humans, other animals and plants can be affected by infection with pathogens, including viruses and some bacteria and fungi.				
As students' conceptual understanding progresses they can:	Recall that 'germs' are disease-causing microorganisms also known as pathogens, including bacteria, fungi and viruses.	Recall that pathogens cause some but not all diseases in humans, other animals and plants.	Recognise that not all microorganisms cause ill health.	Explain simply how pathogens cause symptoms of ill health.	Apply the idea that pathogens do not cause symptoms of ill health until they are present in sufficient numbers.
Diagnostic questions	Timmy's tummy 'bug' 'Germs'	Causes of disease Attack of the pathogens!	Yogurt drink	Sam's symptoms	Food poisoning
Response	What do bacteria look	Plant disease detectives			
activities	like? Pathogens		Microorganisms on trial!	The hole story	Divide and conquer

Key:

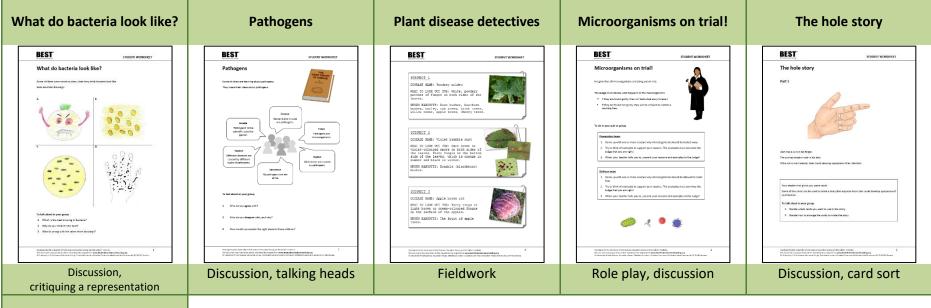
P Prior understanding from earlier stages of learning

B Bridge to later stages of learning









Divide and conquer

