

Biology > Big idea BOE: Organisms and their environments > Topic BOE1: Interdependence of organisms

Progression toolkit: Interdependence within ecosystems

Learning focus	An ecosystem is made up of interdependent populations of organisms interacting with each other and the environment in which they live.				
As students' conceptual understanding progresses they can:					
Diagnostic questions	Ecosystem words	Phytoplankton Producers and consumers	Pollen and seeds	What happens next?	The bees are disappearing
Response activities	What makes up an ecosystem?	Food chain Jenga!		No more microorganisms	Ecosystem connections role play

Key:

P Prior understanding from earlier stages of learning

B Bridge to later stages of learning

<h3 style="text-align: center;">Ecosystem words</h3>	<h3 style="text-align: center;">Phytoplankton</h3>	<h3 style="text-align: center;">Producers and consumers</h3>	<h3 style="text-align: center;">Pollen and seeds</h3>	<h3 style="text-align: center;">What happens next?</h3>
Linking ideas	Two-tier multiple choice	Confidence grid	Focused cloze	Simple multiple choice
<h3 style="text-align: center;">The bees are disappearing</h3>	<h3 style="text-align: center;">What makes up an ecosystem?</h3>	<h3 style="text-align: center;">Food chain Jenga!</h3>	<h3 style="text-align: center;">No more microorganisms</h3>	<h3 style="text-align: center;">Ecosystem connections role play</h3>
Two-tier multiple choice	Discussion	Modelling, discussion	Talking heads, discussion	Role play