

Biology > Big idea BVE: Variation, adaptation and evolution > Topic BVE2: Classification

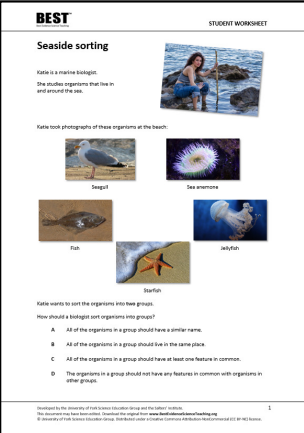
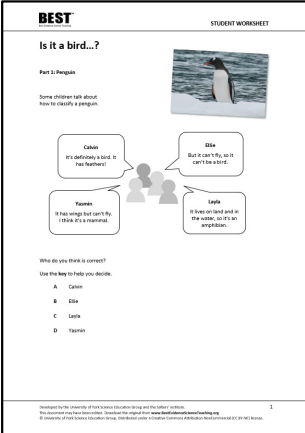
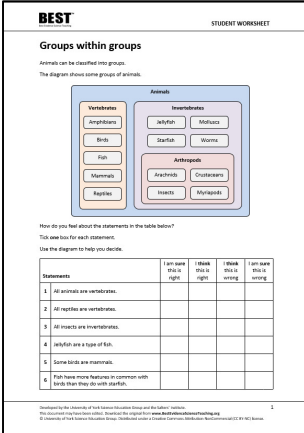
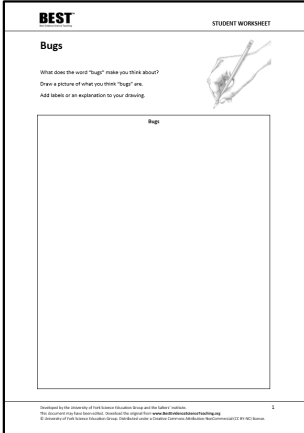
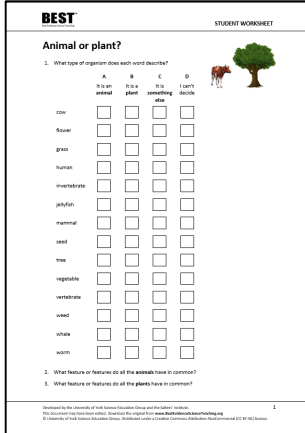

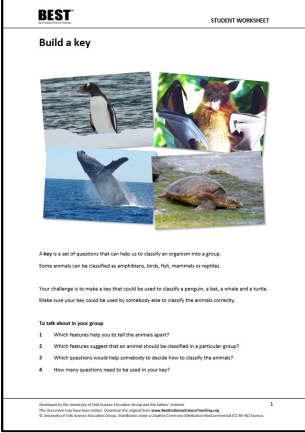

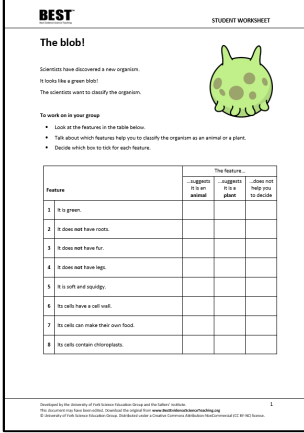
Progression toolkit: Identifying and classifying organisms

Learning focus	Organisms can be identified and classified into hierarchical groups based on their characteristics at the macroscopic and cellular levels.				
As students' conceptual understanding progresses they can:					
As students' conceptual understanding progresses they can:	Classify organisms into groups according to similarities and differences in their features. P	Use a key to distinguish between and identify organisms in the lab and in the field.	Use the idea that organisms can be classified hierarchically into groups within groups.	Distinguish between everyday names and scientific classifications.	Recognise that organisms can be classified into groups according to similarities and differences at the cellular level.
Diagnostic questions	Seaside sorting	Is it a bird...?	Groups within groups	Bugs	Animal or plant?
Response activities	Classifying into groups	Build a key	Garden groups		The blob!

Key:

P Prior understanding from earlier stages of learning

B Bridge to later stages of learning

<h3 style="text-align: center;">Seaside sorting</h3>  <p style="text-align: center;">Simple multiple choice</p>	<h3 style="text-align: center;">Is it a bird...?</h3>  <p style="text-align: center;">Talking heads</p>	<h3 style="text-align: center;">Groups within groups</h3>  <p style="text-align: center;">Confidence grid</p>	<h3 style="text-align: center;">Bugs</h3>  <p style="text-align: center;">Drawing</p>	<h3 style="text-align: center;">Animal or plant?</h3>  <p style="text-align: center;">Simple multiple choice</p>
<h3 style="text-align: center;">Classifying into groups</h3>  <p style="text-align: center;">Discussion</p>	<h3 style="text-align: center;">Build a key</h3>  <p style="text-align: center;">Discussion</p>	<h3 style="text-align: center;">Garden groups</h3>  <p style="text-align: center;">Discussion</p>	<h3 style="text-align: center;">The blob!</h3>  <p style="text-align: center;">Discussion</p>	