

Adaptations

1. Think about the animals that you observed... if you decided to live underwater how would YOU have to change yourself?

List 3 things that you would need to change or grow so you could survive.

1.
2.
3.

2. Use the *Adaptations Cards* to help you complete the table.

Adaptation for movement and buoyancy	Animal Name - Example 1	Animal Name - Example 2
Suckers	<i>Leech</i>	
Streamlined shape		
Paddle-like legs		
Flattened shape		
Air sacs		
Bristles		
Adaptations for obtaining oxygen	Example 1	Example 2
Scuba divers		
Gills		

3. (a) Which type of adaptation for movement and buoyancy was most common in the pond?

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(b) Animals which are found in streams are usually more streamlined in shape than animals which live at the bottom of the ponds. Why do you think this is?

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4. (a) Consider your sampling technique. There may be more species of invertebrate that live in the pond than you have found. How could you reduce the number of species that you may have missed?

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(b) Identification of invertebrates can be difficult. What methods could be used to improve it? Could a form of technology help?

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Research

Choose **two** species that you have identified today and find out more about the species and how it is adapted to live in the habitat were you found it.

Website to help - <http://www.naturegrid.org.uk/children.html>

Species name

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Diagram (labelled)

Use a separate piece of paper for your second species