

Animal adaptation

Worksheet 1

1. All living organisms have to adapt to survive.

Why ? What is adaptation ? Try to write a short definition of adaptation:

Adaptation is

2. Let's have a look at animal adaptation to their habitat first. Go to

<http://resources.woodlands-junior.kent.sch.uk/homework/adaptations/desert.htm>

http://www.bbc.co.uk/nature/adaptations/Desiccation_tolerance

<http://www.bbc.co.uk/nature/adaptations/Psychrophile>

<http://www.bbc.co.uk/nature/adaptations/Thermophile>

and find information and examples of animal adaptation to these three extreme habitats.

Habitat	Adaptation characteristics
Desert conditions	
Tropical conditions	
Arctic conditions	

3. Animals also adapted to different ways they move. Some are good at swimming, others at climbing or flying. Go to <http://www.bbc.co.uk/nature/adaptations> and in 6 groups prepare a short presentation about animal adaptation to different ways of locomotion.

- 1) <http://www.bbc.co.uk/nature/adaptations/Climbing>
- 2) <http://www.bbc.co.uk/nature/adaptations/Flight>
- 3) http://www.bbc.co.uk/nature/adaptations/Gliding_%28flight%29
- 4) <http://www.bbc.co.uk/nature/adaptations/Jumping>
- 5) <http://www.bbc.co.uk/nature/adaptations/Running>
- 6) http://www.bbc.co.uk/nature/adaptations/Aquatic_locomotion

4. At home think about camouflage as an example of adaptation. Can you think of any animals that use camouflage ? Find out what mimicry is.