

Session Outline

KS1 & 2: Wonderful Wings

This outline is a general guide for what to expect during your session with us. Activities and session structure may vary depending on weather conditions and other circumstances.

National Curriculum links: KS1 & 2 programmes of study – Science: working scientifically, animals, living things and their habitats.		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> Identify and name a variety of common animals. Describe and compare the structure of a variety of common animals. Identify that humans and some other animals have skeletons and muscles for support, protection and movement. Recognize that living things can be grouped in a variety of ways. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. Discover the evolution of the wing, common features and differences in a variety of taxa. 	<p>Introduction The class will have a brief welcome and introduction to the day.</p> <p>Activities The session will begin with a brief introduction to the types of animals which have evolved wings, and the many opportunities they have opened for these groups. Through a variety of different activities and games we will explore the range of animals that have wings, how they have evolved over millions of years, and how their structure can vary amongst and within different groups of animals.</p> <p><i>The activities of the day will depend on location and weather, but will all cover the same topics and lesson aims.</i> KS2 will also learn about the physical properties of enabling flight and may take part in a team building challenge related to gravity and travel (<i>weather dependent</i>).</p>	<p>To include: Discussion with children before, during and after the visit Photographs which you may take for post visit discussions, displays and activities.</p>
Pre Visit activities	Post Visit activities	Relevant activity risk assessments
<p>Find out a fact about your favourite winged animal. KS2 can take a look at the BBC Bitesize page about wings in aeronautical design: https://www.bbc.co.uk/bitesize/topics/zvb76v4/articles/zbmkhbk Look up some of the different wing shapes in birds – how do these vary and why might that be? I.e. are they built for speed/distance, do they live in a woody or coastal habitat?</p>	<p>Design your own pair of wings using cardboard and a range of craft materials. Think about what habitat you might be able to live in with your new wings, what you might eat and whether you are camouflaged. Go on your own wing-hunting walk (you can even watch from your classroom window!) to see what kind of winged animals you can identify – you could look for migrating birds in the winter around lakes, or go bee and butterfly spotting in the summer.</p>	<ul style="list-style-type: none"> Guided walks for schools Games