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| Session title | Investigating mammals |  |
| Key question | Which mammals live in a wetland? | |
| Session description | Meet our otters and discover how they have evolved to become perfectly adapted to their habitat. Take on the role of a bat to experience how it has become adapted to life in the dark. Which other mammals live in this habitat? What do they eat? Are they carnivores, herbivores or omnivores? | |
| Key Stage | KS1 | |
| Duration | 30 mins | |

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| Curriculum links | <p>Key Stage 1 Science</p> <p>Identify and name a variety of common animals, including mammals, and animals that are carnivores, herbivores or omnivores.</p> <p>Describe and compare the structure of a variety of common animals.</p> <p>Identify that most living things live in habitats to which they are suited and describe how their habitats provide for their basic needs.</p> | |
| Learning outcomes | All learners... | More able learners... |
| | <p>Will be able to identify two wetland mammals</p> <p>Will be able to describe two adaptations of wetland mammals</p> | Will be able to describe the benefits of two adaptations of wetland mammals |
| Key vocabulary | Mammal, adaptation, feature, survival, habitat, features. | |

| Session Outline | Time |
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| Introduction | 5 mins |
| <p>Learners are given a brief intro to WWT Martin Mere and are introduced to the key question: 'Which mammals live in a wetland?'</p> <p>The session leader develops the learners' understanding of what a mammal is and what mammals might eat.</p> | |
| Activity 1: otters | 12 mins |
| <p>Learners, in their groups, observe the otters' appearance, behaviour and habitat and record their observations on their clipboards.</p> <p>The session leader demonstrates the otter skull and the learners share their otter observations.</p> | |
| Activity 2: bats | 10 mins |
| <p>Learners play Bat & Moth, a circle game in which two children, the bat and the moth, are blindfolded, and the predator has to catch its prey by listening for it while the moth has to avoid being caught by listening for the approaching 'bat'.</p> | |
| Plenary | 3 mins |
| We review the key question. What have we learned about which mammals live in a wetland? | |
| | 30 mins |