

# Bat Lesson Plan

YEAR 4 SCIENCE: LIVING THINGS AND THEIR HABITATS



Cross curricular links	Curriculum objectives National curriculum 2014	Learning Intention	Teacher notes	Resources	Assessment opportunities
<p><b>ICT</b> Research about the pipistrelle bat.</p> <p><b>English</b> Speaking and listening</p>	<p><b>Science - Living things and their habitats</b></p> <ul style="list-style-type: none"> <li>recognise that living things can be grouped in a variety of ways</li> <li>explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</li> <li>recognise that environments can change and that this can sometimes pose dangers to living things</li> </ul> <p><b>Animals, including humans</b></p> <ul style="list-style-type: none"> <li>construct and interpret a variety of food chains, identifying producers, predators and prey.</li> </ul>	<p>Can I recognise the how animals are grouped and how we would classify a bat?</p>	<p>What is a bat?</p> <p>Within class the topic 'Animals including Humans' – discuss that just as pupils are put into classes, animals are also grouped together. Ask them to raise their hand if they think bats belong to the class fish, reptiles, birds, mammals or amphibians.</p>	<p><b>Slide 1</b> Bat lessons for Year 4 living things and their habitats</p> <p><b>Slide 2</b> 'Hello I'm Hugh'</p> <p><b>Slide 3</b> What is a bat?</p> <p><b>Worksheet 1</b> What are bats and bat families?</p> <p><b>Slide 4</b> Bats are mammals</p>	<p>Children can classify animals.</p>
		<p>Can I recognise and discuss threats to bats in our environment and what can be done to protect them?</p>	<p>Discuss the yearly cycle for bats and how they hibernate in winter, produce offspring in the spring and feed lots in the autumn. What adaptations do bats have that suit them to their environment?</p>	<p><b>Slide 5</b> Bats through the seasons</p> <p><b>Worksheet 2</b> Bats through the seasons</p> <p><b>Activity 1</b> Bats through the seasons</p> <p><b>Slides 6-10</b> Bats through the seasons</p>	<p>Children can recognise animals and endangered species. They understand what can be done to protect their habitats.</p>

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			Looking at the information sheets about bats, discuss what they need and what would be the most likely places for a bat to roost. Why do bats choose to roost in certain places, what do these places give them that they need?	<p><b>Slide 11</b> What do Bats need?</p> <p><b>Worksheet 3</b> What do Bats need?</p> <p><b>Slide 12</b> Bats live in lots of different places</p> <p><b>Slide 13</b> Live footage of bats emerging from roosts</p>	
			Talk about the importance of trees for bats	<p><b>Slide 14</b> The importance of trees</p> <p><b>Worksheet 4</b> Why are trees important to bats?</p> <p><b>Activity 2</b> Why trees are important quiz</p>	
			Walk around the school grounds looking for suitable places for a habitat for bats.	<p><b>Slide 15</b> Looking for suitable bat habitats</p> <p><b>Activity 3</b> Look around your school grounds</p>	
			Ask children to present their maps to the class. Looking at the children's findings...  <b>Discuss:</b> where would a roost work best in your school?	<p><b>Slide 16</b> Photo of school</p>	
				<p><b>Slide 17</b> We are protected in Jersey</p> <p><b>Worksheet 5</b> Help your local bats</p>	