




Year 6 - Biodiversity: Our Planet, Our Problem, Our Power.

<p>What Is Biodiversity? Why Does It Matter?</p>	<p>Task: Write a clear explanation of the term <i>biodiversity</i>. Explain why it matters to humans and the planet (use scientific reasoning). Include examples of biodiversity at different scales: local, national and global.</p>	<p>Optional: create a “biodiversity mind map” or infographic. Challenge: Use terms like <i>ecosystem</i>, <i>interdependence</i>, <i>species</i>, and <i>climate change</i>.</p>
<p>Biodiversity in My Local Area</p>	<p>Task: Explore a local outdoor space and record what you see. Observe at least 8 living species (identify them if you can). Classify: producer/consumer/decomposer; mammal/insect/plant etc. Draw a food web or cycle showing relationships between species.</p>	<p>Reflect: Is this a healthy ecosystem? Why or why not? Bonus: Use a biodiversity app like Seek or iNaturalist (with adult support).</p>
<p>Build or Design to Support Nature</p>	<p>Task: Plan, design or build something that helps protect or improve biodiversity: Wildlife corridor, bee-friendly planter, bird habitat, green roof, bug hotel</p>	<p>Include a labelled diagram or model Explain how it supports biodiversity and why that matters in your community Go deeper: Can you design something sustainable and re-usable?</p>
<p>Investigate an Endangered Species</p> 	<p>Task: Research a species that is endangered and create a detailed profile. Include:</p> <ul style="list-style-type: none"> • Species name + image • Natural habitat + location (map it!) • Causes of decline • Human impact • Conservation efforts • What could be done better? 	<p>Use books, websites, or documentaries to help. Present your findings as a fact file, poster, or report.</p>
<p>Persuade or Create</p>	<p>Choose one creative challenge: Option A: Write a persuasive speech or letter to: A local council, school, or world leader Your topic: “Why biodiversity must be protected — now.” Option B: Create a visual artwork or story that captures biodiversity loss or hope for nature.</p>	<p>Use symbolism, emotion, or data to make your message powerful!</p> 
<p>Final project and presentation</p>	<p>Task: Organise your work into a “Biodiversity Portfolio” Write a reflection page with:</p> <ul style="list-style-type: none"> • What have I learned? • How has this changed my thinking? • What 3 actions will I take? 	<p>Prepare a short presentation, speech or video to share with the class (or small group)</p>