

Video summary	Before watching the video	During the video
<p>Wildlife presenter Ferne Corrigan looks at the layers of the deciduous forest along with the plants and animals.</p> <p>She first locates the deciduous forest around the world before explaining the different layers of this biome.</p> <p>She explains how birds such as the finch and buzzard have evolved to survive before turning the focus to the red fox and how it has adapted to survive predators as well as how they have adapted to stalk prey in the forest.</p> <p>Ferne also highlights a number of other animals living in the deciduous forest.</p>	<p>Look at a map of the distribution of the temperate deciduous forest biome. Ask students to look for a pattern in the distribution and discuss why the temperate deciduous forest biome is located where it is.</p> <p>Ask students about the types of animals that they think might live in the temperate deciduous forests and what type of climate they live in. Students could make predictions, which they could then add to once they have watched the film.</p> <p>Introduce key terms such as:</p> <p>Temperate maritime: A type of climate where there are mild winters and cool summers.</p> <p>Decaying: Rotting or decomposing.</p> <p>Interception: The process by which precipitation is prevented from reaching the ground by plants and trees.</p> <p>Bracken: A tall fern plant.</p> <p>Omnivore: An animal that eats both plants and other animals.</p>	<p>You may wish to stop at relevant points during this short film to pose questions and check understanding or wait until the end. Useful questions might include:</p> <ul style="list-style-type: none"> • Where are temperate deciduous forests found? • What is the climate like in the temperate deciduous forests? • How many layers are there? • What would you find in the ground layer? • What is found in the herb layer? • What is found in the sub canopy? • What is found in the canopy? • What types of birds and animals live in the temperate deciduous forests? • How is the fox adapted to living in the temperate deciduous forests?

After watching

Ask students to look back at their predictions, were they right about what they thought they would see in the temperate deciduous forests? Students could complete a spider diagram to note down the basic information about each of the temperate deciduous forest characteristics: location, vegetation, climate and animals.

Give students an image of the layers of the forest and ask them to annotate it with the characteristics of each layer. They should explain what type of plants can be found in each layer, and why they are found there, for example what plants can be found in the herb layer, why are they found there?

Discuss the animals found in the temperate deciduous forest. How was the fox adapted to living in the forest? Students could then design their own plant or animal which could survive in the temperate deciduous forest. This is a great opportunity to investigate different adaptations.

Curriculum notes	Where next?	Links
<p>This clip will be relevant for teaching Geography at KS3 and GCSE.</p> <p>This topic appears in OCR, Edexcel, AQA, WJEC KS4/GCSE in England and Wales, CCEA GCSE in Northern Ireland and SOA National 4/5 in Scotland.</p>	<p>Compare the temperate deciduous forests to a contrasting biome such as the tundra.</p> <p>Students could compare:</p> <ul style="list-style-type: none"> • Animals • Vegetation • Climate • Human uses <p>A case study could be built for the temperate deciduous forest using a real example such as the New Forest. This could form a research task which students could then present to the class.</p>	<p>Distribution of ecosystems: https://www.bbc.co.uk/bitesize/guides/ztcch39/revision/3</p> <p>Climate: https://www.bbc.co.uk/bitesize/articles/zqqvf82#z4vh6g8</p> <p>Why are forests important? https://www.bbc.co.uk/bitesize/articles/zpbwdp3</p> <p>How do human activities impact ecosystems: https://www.bbc.co.uk/bitesize/guides/z3y9frd/revision/1</p>