

KS1 – Lesson Plan 1 - Geography

How do different weather types affect animals and plants?

Aim: To explore different types of weather and understand how they affect living things in various parts of the world.	Key Words: weather, rain, sun, wind, snow, habitat, plant, animal, survive, adapt, change	Preparation: - World map or globe - Pictures of different weather conditions - Photos or soft toys of animals (penguin, camel, polar bear, etc.) - Cut-out images of plants (cactus, sunflower, fern) - Weather symbols (sun, cloud, rain, snow)
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Prior Learning: Children have identified common animals and plants, and have discussed simple seasonal changes in the UK.

WC / PT	<u>Warm-up:</u> Display four weather symbols (sun, rain, wind, snow). Ask children: - What do these symbols mean? - Have you seen this weather in our country? - What happens to plants and animals when it's really hot or cold?	0-5 mins
WC	<u>Main Teach:</u> Use a globe or map to show different climates: Cold (Arctic), Hot (Desert), Rainy (Rainforest) Introduce an animal or plant that lives in each place. Discuss: Why do penguins live where it's cold? How do camels survive in hot weather? Why do some plants need lots of rain? Emphasise that animals and plants adapt to the weather in their habitat.	5-10 mins

I / S	<u>Activity:</u> Create a 'Weather World' poster in groups: • Each group chooses one climate zone (hot, cold, rainy, windy) • They glue on matching weather symbols • Add animals and plants suited to that weather • Write simple facts or labels (e.g. "Cactus stores water", "Polar bear has thick fur")	10-30 mins
I	<u>Extension Challenge:</u> Children create a simple weather forecast for their chosen climate: • "In the rainforest today, there will be heavy rain. The monkeys will be swinging under the trees."	30-35 mins
WC	<u>Plenary:</u> Review the posters as a class. Ask: • What surprised you? • What would happen if a polar bear lived in the desert? Reflect on how important weather is to the survival of living things.	35-40 mins

WC – Whole Class

PT – Partner Talk

I – Independent

S - Support

Challenge A	Draw a world map and label where the hot, cold, and rainy places are.
Challenge B	Write a sentence describing what an animal does in bad weather: <i>"The penguin slides across the icy snow."</i>