Subj NC/P	ect: Science oS:	Year: KS1 year 2– Living things and their habitats
•	explore and comp things that have i	pare the differences between things that are living, dead, and never been alive
•	identify that most	t living things live in habitats to which they are suited and
	describe how diffe	erent habitats provide for the basic needs of different kinds of
•	identify and name	e a variety of plants and animals in their habitats, including
-	microhabitats	
•	describe how anin idea of a simple f	nals obtain their food from plants and other animals, using the ood chain, and identify and name different sources of food.
Prior	Learning (what pup	ils already know and can do)
Know that we need to look after our world (animals and plants) Know that plants are		
envir	conments (farmvard	forest) Know the basic needs of animals die found in different
shelt	er) Know plants and	I animals found in local environment. Know that living things grow
and	nave life cycles. Kno	w plants need light, water, air, nutrients and space.
End	Goals (what pupils M	1UST know and remember)
• K	now the difference	between living (grow), dead (no longer alive) and never been
a	live (does not grow))
• K	now the 5 things all	living things need – food, water, shelter, warmth, and space
• 1	ame different habita	ats for plants and give an example – grassland (ryegrass, wild
0	als), lorest (lerns, li actus), rivor (pondu	oxgloves), pols (contacoes, peas), deserc (prickly pear, aloe vera,
	lame habitats for an	imals and give examples – grassland (elephant, zehra, lion)
• I	esert (camel scorni	on) river (turtle fish crab) tundra (polar bear snowy owl) and
f	orest (squirrel deer	hird)
• K	now what a microha	abitat is - a small, specialized habitat within a larger habitat –
d	ecomposing log (ea	rthworm, centipede, beetle), temporary pool of water (water
n	nites), and under roo	cks (worm, ant, cricket)
• K	now animals obtain	food from other animals and plants
• K	now how to explain	a simple food chain and name various sources of food (grass,
S	nail, bird)	
Key \	Vocabulary: living th	ings, dead, alive, movement, respiration, sensitivity, growth,
repro	duction, excretion a	ind nutrition, nabitat, natural environment, micronabitat,
prim	roses, elephant gras	s, acacia tree, fennec fox, prickly pear, aloe vera, snowy owl.
artic moss, artic willow, artic poppy, turtle, pondweed, waterweed, wild celery, food chain,		
prod	ucer, consumer, ene	ergy, nutrients
Sessi	on 1: review prior le	earning
Child	ren revisit: We need	I to look after our world (animals and plants) and that plants are
ii iipo envir	onments (farmvard	forest) and the basic needs of animals are air water food
shelt	er. Living thinas aro	w and have life cycles and plants need light, water, air, nutrients
and	space	

Session 2: Recap: what are the basic needs of animals? Name animals found in farmyard and forest. Children learn: that dead things are things which are no longer alive e.g. a picked flower and that examples of things that have never been alive are rocks. Living things all use the following processes: movement, respiration, sensitivity, growth, reproduction, excretion, nutrition (MRS GREN) Suggested resources: https://www.bbc.co.uk/bitesize/topics/zx882hv dead, living, non-living Sorting out photographs for things living, dead, never alive. Cover misconceptions: is a flame alive? Vocabulary: living things, dead, alive, movement, respiration, sensitivity, growth, reproduction, excretion, nutrition Session 3: Recap: what processes do all living things use? Name things that are dead or have never been alive. Children learn a habitat is a natural environment in which a particular animal or plant lives and that a microhabitat is a small, specialized habitat within a larger habitat. Examples of microhabitats are decomposing logs (centipedes, beetles), temporary pools of water (water mites) and under rocks (ants, worms). Plants provide shelter for animals. Suggested resources: https://www.youtube.com/watch?v=x7jwJ2bI9Lg habitats (start at 1:00) https://www.youtube.com/watch?v=B4wcFZngFzw microhabitats Vocabulary: habitat, natural environment, microhabitat, decomposing logs, under rocks Session 4: Recap: What is a habitat? What is a microhabitat? Give examples of habitats and microhabitats. Why are plants important? Children identify plants/ animals in specific habitats in the local environment Suggested resources: Search throughout local environment finding habitats/microhabitats recording the conditions there and the animals/plants found here e.g. under rock, damp, warm, dark – woodlouse, centipede Vocabulary: specific to local environment e.g. forest, field, woodlouse Session 5: Recap: what is a habitat/ microhabitat? Name habitats/ microhabitats in local environment. Give examples of plants and animals found there. Children learn: in a forest habitat are animals (squirrel, deer, woodpecker) and plants (ferns, foxgloves, primroses); in a grassland habitat are animals (elephant, zebra, lion) and plants (elephant grass, acacia tree); in a desert habitat are animals (camel, scorpion, fennec fox) and plants (prickly pear, aloe vera, cactus); in a tundra habitat are animals (polar bear, snowy owl, reindeer) and plants (artic moss, artic willow, artic poppy); in a river habitat are animals (turtle, fish, crab) and plants (pondweed, waterweed, wild celerv) Suggested resources: Match plants/animals to habitat https://www.bbc.co.uk/bitesize/topics/zx882hv Various habitats Vocabulary: grassland, desert, tundra, river, ferns, foxgloves, primroses, elephant grass, acacia tree, fennec fox, prickly pear, aloe vera, snowy owl, artic moss, artic willow, artic poppy, turtle, pondweed, waterweed, wild celery Week 6: Recap: Match animals/ plants to the habitats: forest, grassland, desert, tundra, river Children learn that plants provide shelter, and all animals obtain their food from plants and/or other animals. All food chains start with a plant (producer) and a food chain shows how each living thing gets food and how nutrients and energy are passed along the chain.

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Consumers eat plants or other animals to get energy.

