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19.	Describe the difference between	
	vertebrates and invertebrates and	
	the differences between the 5	
	classes of vertebrate.	
20.	Explain why variation is important	
	for the survival of a species.	
21.	Describe and explain how different	
	organisms are adapted to their	
	environment.	
22.	Define evolution and explain how	
	fossils are evidence for evolution.	
23.	Explain how natural selection leads	
	to evolution of an organism.	
24.	Define biodiversity and describe	
	how preserving biodiversity is	
	useful for humans.	
25.	Describe what extinction is and	
	explain why it might happen to a	
	species.	
Summer Term		
26.	Describe how to combine food	
	chains to form a food web.	
27.	Explain that organisms in a food	
	web (decomposers, producers and	
	consumers) depend on each other	
	for nutrients.	
28.	Describe how a species' population	
	changes as its predator or prey	
	population changes.	
29.	Describe and explain how the	
	population of a species is affected	
	by the number of its predators and	
	prey, disease, pollution and	
	competition between individuals	
	for limited resources such as water	
	and nutrients.	
30	Explain the effects of	
	environmental changes and toxic	
	materials on a species' population.	