sson A:	Exploring the Foo	d System					
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	 Needed by plants, animals, and humans Used for irrigating crops May be contaminated by animal waste, chemical fertilizers, and other pollutants 	 Can be composted to enrich soil — — — — — — — — 	 Produces food and oxygen 	 Needs sun, water, fertile soil, carbon dioxide, and oxygen 		 Essential members of aquatic ecosystems Needs freshwater or saltwater (depending on the species) and food May be eaten by humans or other animals 	
	 Supports plant life Subject to contamination and erosion 	- Produces manure	 Can be raised for meat or eggs 	 Needs food, land, air, water, and humane living conditions 	- + ·	 Disease-causing microorganism Some strains live in the guts of animals May be transported via air, water, soil, or food 	
	 The prevailing weather conditions in an area Affects what kind of plants and animals can survive in a region 	 Produces manure and methane — — — — — — 	 Can be raised for meat or milk 	 Needs food, land, air, water, and humane living conditions 		 Made by decomposing manure, food waste, plant matter, or other organic materials Can be applied to soil to make it more fertile, helping plants grow 	

Food System Connection Cards (p.1 back)