

Needs Assessment

What animal are you creating a habitat for? _____

Considerations	What are their specific needs?	How will you provide it?	How can it be reused or recycled?
Food			
Water			
Shelter			
Air			
Space			
Waste Management			

Earth vs. Mars

	Earth	Mars
Air Composition	Nitrogen and Oxygen	Carbon Dioxide
Water Source	Plentiful fresh surface water	Some frozen at poles and underground
Habitats	Forests, oceans, plains, deserts	Mountains, deserts
Gravity	Yes	Yes: 38% of earth gravity
Average Temperature	57 F	-51 F
Surface	70% water, 30% forests	Dry, dusty, iron-rich deserts
Precipitation	Yes: rain, snow	No: wispy clouds at poles
Plant & Animal Life	Abundant and diverse	No current evidence of either