

**APPENDIX A: Word Wall**

(Building Disciplinary Literacy)

Lesson 1	Lesson 2	Lesson 3	Lesson 4
Matter	Solute	Food chain	Technology
Energy	Solvent	Food web	Mobius Loop
Flow	Scientific Method	Biosphere	Reduce/Reuse/Recycle
Cycling	Matter cycles	Hydrosphere	Renewable/Non-renewable
Hydrologic cycle	Photosynthesis	Lithosphere	Biodegradable
Groundwater	Respiration	Atmosphere	Pollution
Precipitation	Combustion	Recycling	Innovation
Condensation	Carbon sink	Energy Pyramid	Gasification
Freeze/Melt	Fossil fuel	Producer	Consumerism
Evaporation	Bacteria	Consumer (primary/secondary/tertiary)	
Solid/Liquid/Gas	Decomposer	Energy flows	
Runoff	Legume	Hypothermia	
Transpiration	Renewable		
Upstream/Downstream	DNA		
Particulate Nature of Matter	Carbohydrates		
Conservation of Mass	Lipids		
Surface Tension	Proteins		
Adhesion/Cohesion	Fertilizer		
Dense	Compost		
	Meniscus		
	Mass		
	Molecules		

	Variables		
	Carbon/ Nitrogen/ Oxygen Cycles		

Lesson 5	Lesson 6	Lesson 7	Lesson 8
Consequences	Landscape	Climate	Data collection
Pesticide	Biome	Biodiversity	
DDT	Aquatic Ecosystem	Accuracy	
At Risk	Biotic	Precision	
Watershed	Abiotic	Data sheet	
Nutrients (N-P-K-S)	Field study	Organism	
Eutrophication		Elevation	
Database		Endangered Species	
Monitoring			
Data			
Biomagnification			
Bioaccumulation			
Fertilizer			
Industry			
Fishery			
Potable Water			

Lesson 9	Lesson 10	Lesson 11	Lesson 12
Analysis	Turbidity	Population	Limit
Identification	Pseudoscience	Immigration	Parasitism
	Trophic level	Emigration	Competition
	Equilibrium	Birth/Death rate	Predation

	Quality	Food supply	Exotic species
	Cloud Seeding	Predation	
	Contrail	Disease	
		Reproductive rate	
		Offspring	
		Climate change	
		Town Hall Meeting	