

CHAPTER 4 ASSIGNMENT

Due October . . .

Define the following terms:

acid	hydroxide ion	respiration
activation energy	hypothesis	scientific method
atom	ion	second law of
base	isotope	thermodynamics
catalyst	kinetic molecular theory	theory
cause and effect relationship	law of conservation of mass	variables
chemical bond	matter	
compound	mixture	
controlled experiment	molecule	
electron	neutron	
element	nucleus	
endothermic reactions	observation	
entropy	pH	
enzyme	photosynthesis	
exothermic reactions	proton	
experiment	reproducibility combustion	
first law of	science	
thermodynamics	scientific law	

Complete review questions 2-9, critical thinking questions 1, 3, and 5.

Read Issues and Analysis page 76 and Water Connections page 70.