

8 th Grade Physical Science	S8P1 a. Distinguish between atoms and molecules.	S8P1b. Difference between pure substances and mixtures.	S8P1 c. Movement of particles in solid, liquids gas, & plasma	S8P1 d. Physical and chemical properties of matter	S8P1 e. Changes in matter as physical or chemical.	S8P1 f. Recognize that there are more than 100 elements	S8P1 Law of Cons. of Matter	S8P2. a. Law of Cons. Energy	S8P2. b. Relationship between potential and kinetic energy.	S8P2. c. Compare and contrast the different forms of energy	S8P2. d. How heat can be transferred through matter	S8P3a. Determine the relationship between velocity and acceleration	S8P3 b. Balanced and unbalanced forces	S8P3 c. Demonstrate the effect of simple machines on work.	S8P4a. Electromagnetic and mechanical waves.	S8P4b. Reflection, refraction diffraction, and absorption.	S8P4c. How the human eye sees objects and colors in terms of wavelength.	S8P4d. Behavior of waves	S8P4 e. Properties of sound	S8P4 Parts of the wave	S8P5a. Objects exert gravitational force	S8P5 b. Series/parallel circuits.	S8P5 c. Electricity & magnets.
A Tangled Web																							
Mapping It Out																							
It's Clear to Me																							
From H to OH																							
Pollution – Take It or Leave It																							
Grab Gram																							
Stone Soup																							
Carts and Horses																							
Hitting the Mark																							
Multiple Perspectives																							
A Snapshot in Time																							
Water Quality Monitoring																							
Turbidity or Not Turbidity																							
Footprints on the Sand																							
Looks Aren't Everything																							
Setting the Standards																							
Wash It Away																							
Life and Death Situation																							
There is no Point to this Pollution																							
Washing Water																							
Benthic Bugs and Bioassessment																							
Water Quality Windows																							
Invertebrates as Indicators																							
Picking Up the Pieces																							
Going Underground																							