**Essays for Minerals**

* What is the difference between matter, mass, weight, volume, and element?
  + Intro
  + Body
    - What is matter
    - What is mass
    - What is volume
    - What is weight
    - What is an element
    - What is the relation between all three
  + Concl
* How can the parts of an atom determine the characteristics of elements?
  + Intro
  + Body
    - What are the three parts of an atom
    - Explain the charge, weight, and location of each
    - Explain how there number can be calculated or what they can be used to calculate.
  + Concl
* How does the periodic chart help to determine structure and combining capabilities?
  + Intro
  + Body
    - How do you determine the number of orbits?
    - How do you determine the number of electrons on the outer orbit?
    - What are the arrangements if each orbit is full?
    - How can we determine what can bond with what?
  + Concl
* How can elements be put together to form other things?
  + Intro
  + Body
    - What are the two types of bonds?
      * How does each work?
    - What are the two things that elements can form when they are put together?
      * What are the characteristics of each?
  + Concl
* What is a mineral and how do they form?
  + Intro
  + Body
    - What are the five characteristics that a mineral must have?
    - How can minerals form?
      * Explain each method.
  + Concl
* How do we use the traits of a mineral to identify it?
  + Intro
  + Body
    - What are the thirteen traits we us to identify mineral?
      * Explain each of them.
  + Concl