**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