

## 7<sup>th</sup> Grade Final Exam Review Sheet

We will be having a final exam on what we've covered this year in our Earth Science/Chemistry course. The Final Exam will be given on information from class notes, worksheets, former tests and quizzes, study guides and class discussion. The exam will be worth 100 points and will consist of Multiple Choice, T/F, Matching, Sense-tensing, Diagramming, Naming and Writing Chemical Formulas, Balancing Equations, and Short Answer Questions.

This sheet outlines the information you will need to know to be successful on the test. Mr. Singleton and Mr. Saepharn will be available to help you before or after school should you feel you need it.

A "Ticket to the Exam" will be required and will be due at the beginning of the exam. A "Ticket" is proof of your studying for the test. Words of Advice: You should create your Ticket in the form that best suits your learning style. In other words, use the form that would make it easiest for you to study. The ticket will be graded as a homework assignment and will be worth 75 points.

### **Theory of Continental Drift**

- What was the evidence for Continental Drift
  - Landform Evidence
  - Fossil Evidence
  - Climate Evidence.

### **Sea-Floor Spreading**

- Be able to explain the process of sea-floor spreading and what occurs at the mid-ocean ridge.
- What are 3 lines of evidence of for sea-floor spreading?
  - explain evidence from molten material/pillow basalt.
  - explain evidence from the ages of rocks/drilling samples.
  - explain evidence from magnetic strips.
  - what type of boundaries creates a deep-ocean trench?
- Be able to label and explain a diagram of a subduction zone and explain the process of subduction.

### **Theory of Plate Tectonics**

- Define the theory of plate tectonics and be able to identify and explain its 3 major points.
- Define a plate boundary and what sea floor/landforms are associated with each type.
- Define a fault.
- Be able to identify, diagram and explain the 3 different kinds of plate boundaries and their associated faults as well as the kind of stress associated with each.