

# EARTH SCIENCE

## 2<sup>nd</sup> QUARTER

### REVIEW SHEET

We will be having Semester One Exam in December. The test will be given on information from class notes, handouts/homework, Power Points, flowcharts, projects, and class readings. We will be allowing class time to prepare and answer any review questions concerning your exam.

- The test will be worth 100 points and will consist of multiple choice, true or false, sense-tencing, short answer questions, and diagramming.
- This sheet outlines the information you will need to know to be successful on the test. You should be able to find it in your class notes, lab sheets, "Definitely Drawing and Sense-tencing" Worksheets, and in the textbook. We will be available to help you before or after school should you need it.
- A "Ticket to the Test" will be required at the beginning of the test. A "Ticket" is proof of your studying for the test. It can be a completed review sheet or flash cards or other study material that can be handed in. Further options will be discussed. The ticket will be graded as a homework assignment and will be worth 50 points.

#### **First Quarter Information Begins**

##### **Theory of Continental Drift**

- Define the theory of continental drift.
- Who was A. Wegner?
- What was the evidence for Continental Drift?
  - Landform Evidence
  - Fossil Evidence
  - Climate Evidence

##### **Sea-Floor Spreading**

- Describe the process of sea-floor spreading.
- Identify and describe the 3 lines of evidence used to support the theory of sea-floor spreading.
- Mid-ocean ridge
- Continental vs. Oceanic Crust
- Why does oceanic crust sink under continental crust?
- What is a deep-ocean trench?
- What is subduction?
- How did the theory of sea-floor spreading give support and renewed interest to Wegener's theory of continental drift?

**End of First Quarter Information: (Your Quarter One Ticket to the Test can be use to represent this information.)**

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#### **Quarter Two Information Begins:**

##### **The Theory of Plate Tectonics**

###### **Define:**

- Plate Tectonics Theory
- Plates
- Plate boundaries
- Faults
- Transform boundary\*
- Divergent boundary\*
- Convergent boundary\*
- Island arcs

\*Recognize and diagram the three types of boundaries above.

\*Describe the four main features of plate tectonics.

###### **Earthquakes\***

###### **Define:**

- earthquake
- stress
- shearing