**Weather Test - Study Guide**

Earth/Space Science - Barge2

**Things to know:**

Energy, Heat, Energy Transfer

 Heat and Temperature

 Conduction

 Radiation

 Convection

Atmosphere

 Composition, what gasses are present?

 Layers, names and properties (temperature profiles, presence

 of ozone, charged particles, etc.)

Coriolis Effect

 Why does it exist (what is the cause)?

 How is air moved because of it?

Water Cycle

 Names and descriptions of each stage

 How does condensation form? What is relative humidity?

 Be able to use a relative humidity graph to predict how much

 water will condense if given enough information

Pressure Systems

 What does pressure have to do with weather?

Air Masses

 What are types of air masses, and properties of these types?

 What are the names of each kind of air mass?

Weather Fronts

 Warm / Cold / Occluded / Stalled

 What does a warm front (cold front) mean (in terms of the

 movement of air masses)?

 What happens (in terms of weather) with each kind of front?

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