

Chapter 9 Objectives: "Geological Processes: The Dynamic Earth"

1. Make a simple drawing of the Earth's three major zones.
2. Distinguish between internal and external Earth processes.
 - Describe plate tectonics.
 - Describe the three types of plate boundaries.
3. Describe the external Earth processes of weathering, erosion, and mass wasting.
4. Distinguish between mechanical and chemical weathering and give one example of each.
 - Describe how humans contribute to erosion.
5. Distinguish between a mineral and a rock.
 - List three major types of rock and how each type is formed during the rock cycle.
6. List three types of mineral resources, and give one example of each.
 - Explain the relationship between identified resources and reserves.
7. Distinguish between subsurface and surface mining.
 - Briefly describe the environmental impacts of mining.
8. List five natural hazards and briefly describe the relationships between human activities and each hazard.
 - List the best efforts being made to minimize the threat of each hazard to humans.
9. List in order from shortest to longest time frame and give the time frame of each of the following: speciation, climate, weather, population size, internal crust changes.