

Core Concepts 2.4 (pgs 24-25)

Forces on the Earth's Surface

I. Wearing away of the Earth's surface.

A. _____ process that breaks rock down into tiny pieces.

1. Two types of weathering

a. _____ weathering- rainwater and acid dissolve rock

b. _____ weathering- moving water, ice or wind breaks rock into pieces

2. Weathering helps to create _____

3. _____ - removal of small pieces of rock by rain, ice or wind.

II. Shaping landforms- weathering and erosion shaped many landforms including

mountains and hills

A. Plateau- large, mostly _____ area that rises above the surrounding land. One side is steep.

B. Valley- lowlands between _____ or hills- often formed by rivers flowing through.

III. Rebuilding Earth's surface

A. _____ - process of depositing material eroded by wind and water.

B. Deposition creates _____ like sandy beaches

C. Plains are large areas of flat or gently rolling land and are often formed by deposition.

D. _____ flat plains built on seabed where a river fans out and deposits materials.

Core Concept 3.1 (pgs. 31-32)

Climate and Weather

I. _____ or _____?

A. _____ - condition of the air or sky at a certain time.

-(Day to day changes in the atmospheric conditions)

B. _____ - average weather over a period of time

C. Both include temperature and precipitation

1. Temperature- measure of hot or cold in the air

2. Precipitation- Water in the air such as rain, snow or hail.

I. Zones of Latitude

A. _____ zones or high latitudes

1. North of the Arctic Circle and south of the Antarctic Circle
2. Temperatures stay cool to bitterly cold

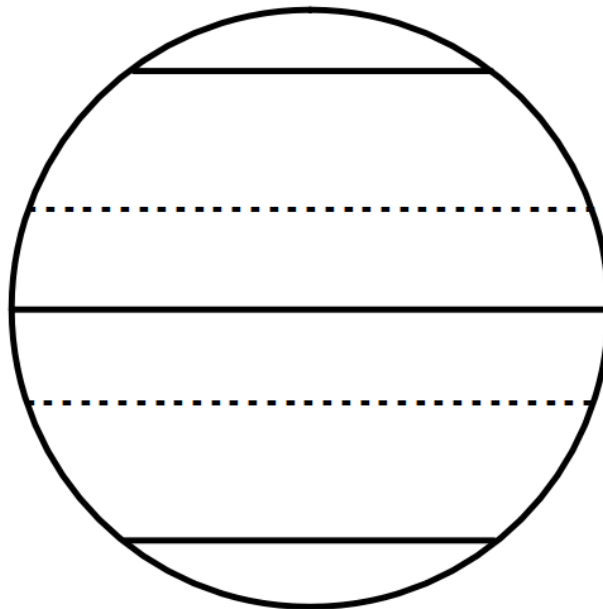
B. _____ or low latitudes

1. between the Tropic of Cancer and Tropic of Capricorn
2. Sun is usually directly overhead and temperatures are usually _____.

C. _____ zones or middle latitudes

1. In the Northern Hemisphere it's located between the Tropic of cancer and the _____ Circle.
2. In the Southern Hemisphere it's located between Tropic of Capricorn and _____ Circle.
3. Usually has a hot summer, cold winter, and _____ spring and fall.

Label the zones on the picture below



Factors that Affect Climate

1. _____ - Distance north or south of the _____
2. _____ - Height above _____ level
3. _____ - Water heats and cools slower than land
4. _____
5. _____