

North Carolina Geology

Appalachians Mountains: ~480 million years old

Alleghenian Orogeny 300 Mya - Formation of Pangaea



Appalachian Mtns

- 1) North American & African plates **collided (Convergent)** in **Pangaea**
- 2) Rocks **pushed** up and **piled** up
- 3) Overtime continents **diverged** into current positions
- 4) Formed **ridges, rivers, and valleys**
Fall Line - Upland "Break" running from Rockingham to Roanoke Rapids

