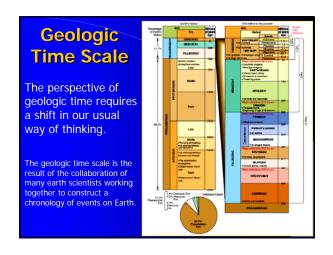
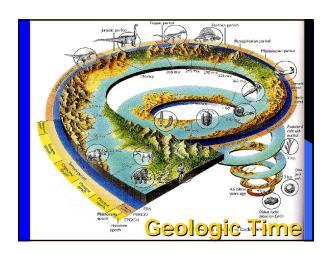
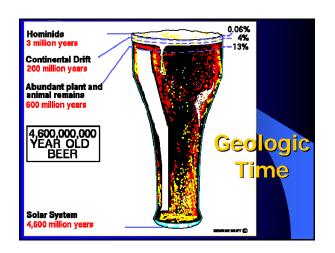


The Dynamic Planet The Pace of Change Earth's Structure and Internal Energy The Geologic Cycle Plate Tectonics



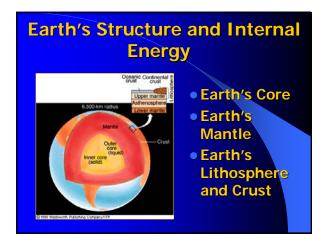


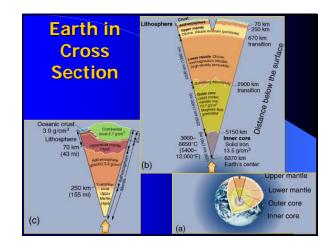


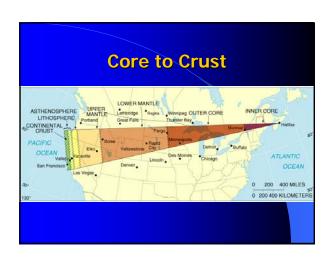


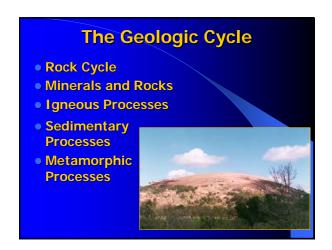
Lyell's uniformitarianism ("the present is the key to the past")

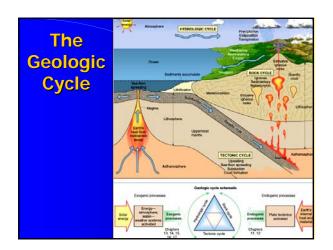
- Uniformity of law: the laws of science have not changed over time
- Uniformity of process: the natural processes going on on Earth today have always operated
- Uniformity of rate: the processes affecting the Earth have always operated at the same gradual rates and the same intensities
- Uniformity of state: the Earth has not changed overall

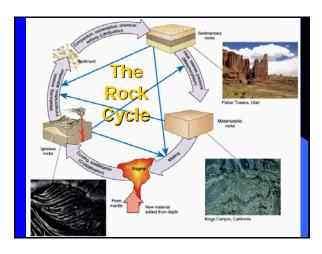


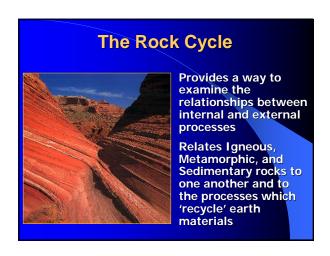














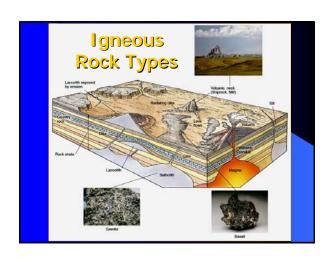


Plate Tectonics A Brief History Sea-Floor Spreading and Production of New Crust Subduction of the Crust The Formation and Breakup of Pangaea Plate Boundaries Earthquake and Volcanic Activity Hot Spots

