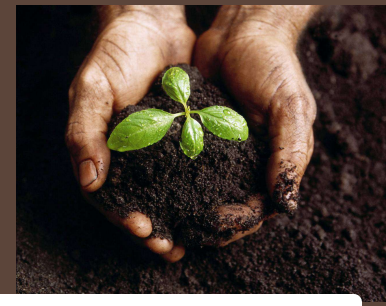


Chapter 13
Soil Analysis

Soil Analysis

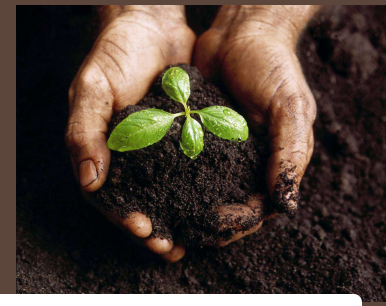


Students will learn to:

- Identify a soil's common constituents
- Determine the origin of a soil sample
- Interpret a topographic map
- Understand the concept of spectrophotometry and its applications



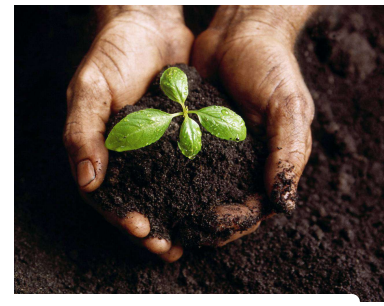
Soil Analysis



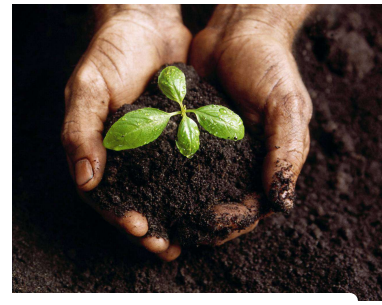
Students will learn to:

- How to analyze and present data mathematically using graphs
- Why soils can be used as class evidence
- When soils can be used as circumstantial evidence

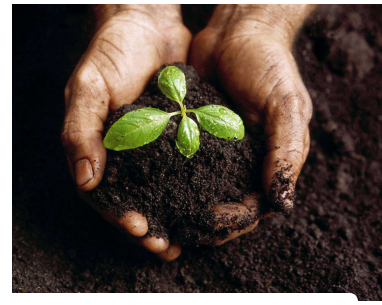
Forensic Geology



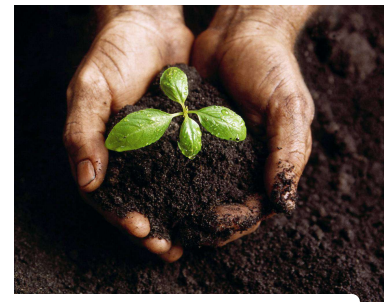
Forensic Geologist Tools



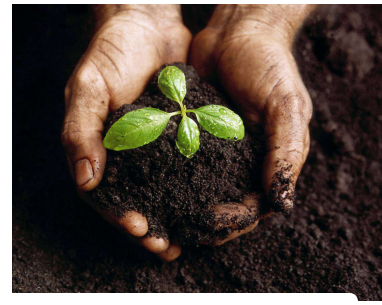
Forensic Geology History



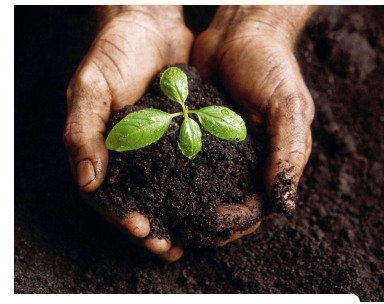
History



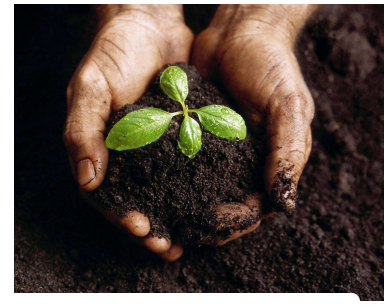
Soil



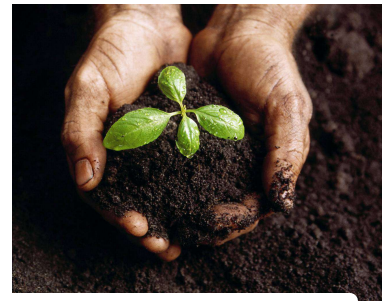
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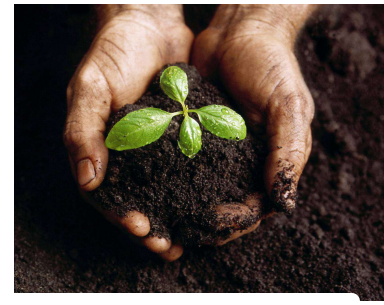
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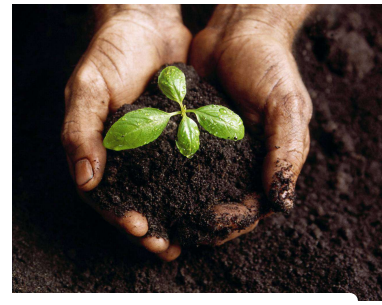
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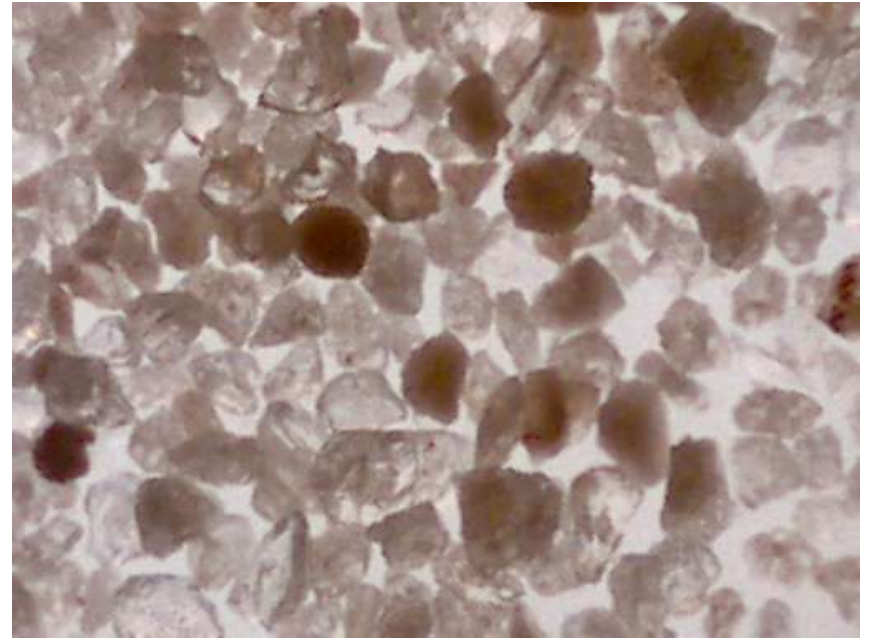
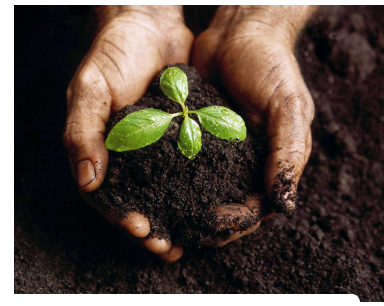
Soil Comparisons



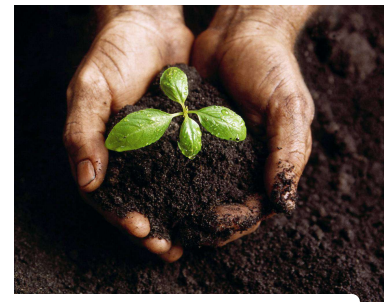
Probative Value of Soil



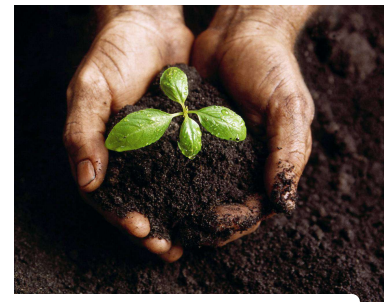
Increasing Probative Value



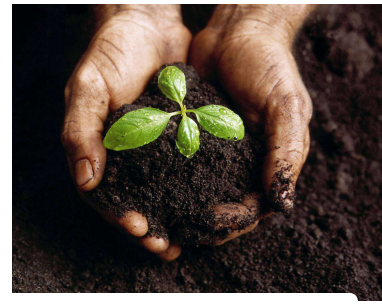
Minerals



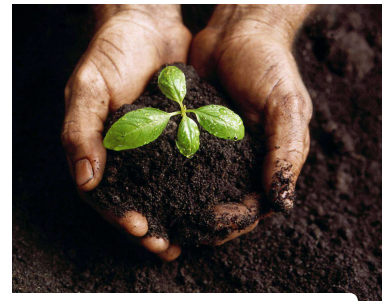
Rocks



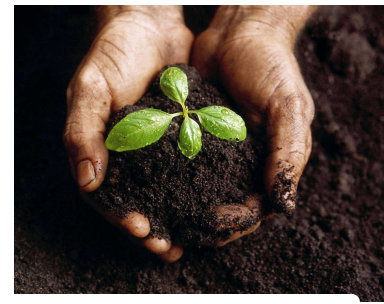
Fossils



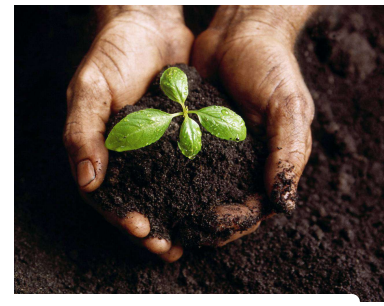
Palynology



Soil Evidence



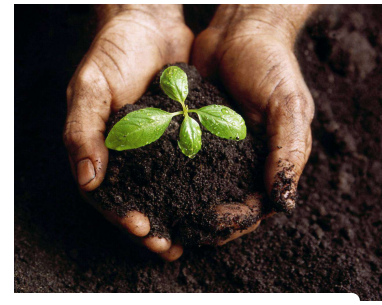
Sand



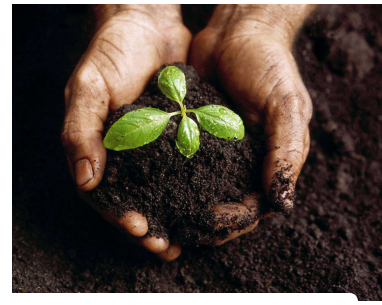
(The photo on the right shows color differences in sand from six locations around the world.)



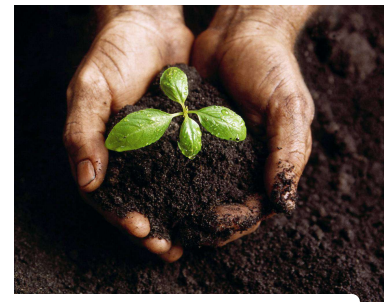
Sand Characteristics



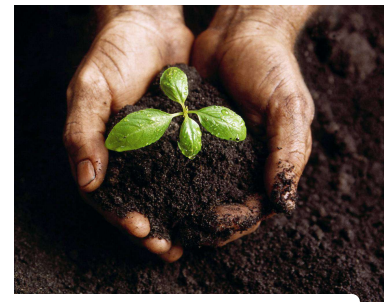
Sand Types



Sand Evidence



Virtual Sand Lab



Forensic Geology in the News

