Minerals

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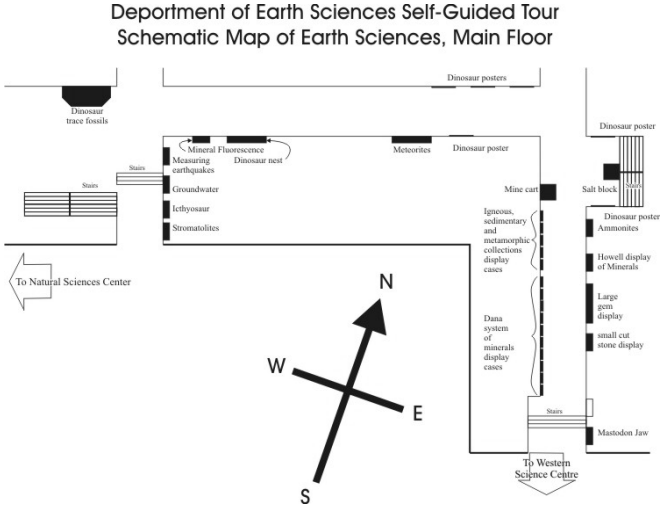
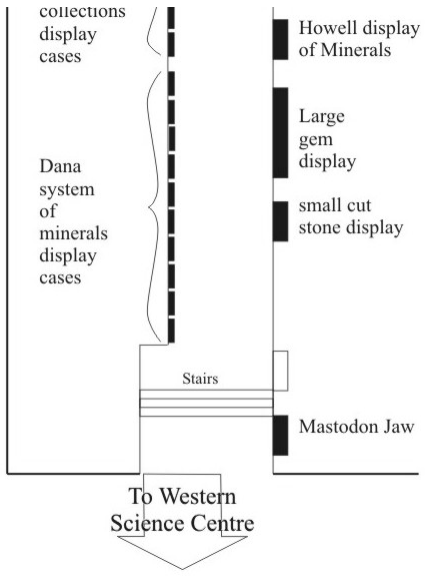
Finding Your Way Around

- In order for you to be able to proceed with your minerals assignment, you need to know where to find the answers.
- This map is attached to your assignment.
- You'll find the display cases in the southeastern hallway. (The far right on this image).



Finding Your Way Around II

- Here is a blow up of the southeastern hallway.
- The large gem display case is set into the east wall while the systematic mineral display cases are mounted on the west wall.



Dealing with Question #1

- In order to complete #1, look in the cases mounted on the west wall.
- The Roman numeral that appears in front of the mineral name on your question paper indicates the case in which you should look.

  E.g. **(VIII) Talc** – indicates that the mineral talc can be found in Case "**VIII**". You can find the case number at the top of each case.
- The chemical composition of each mineral appears immediately below the name.

  E.g. **Cinnabar** - mineral name

  HgS - chemical composition.

Dealing with Question #2a

- Since this is a scavenger hunt for information, you'll need to observe and/or deduce the answers.
- For 2a: The gem showcase contains both rocks and minerals that have been shaped and polished.
- You do need to distinguish between minerals and rocks at this point in the course. Minerals are relatively pure chemical compounds.
- You'll have to look closely at the gems and make some comparisons with the minerals you have already seen.

Dealing with Question #2b, 2c

- For 2b: It's simply a matter of observation and recording names.
- For 2c: Find the chemical symbol that is common to both of the minerals.

End of Slides