

Investigation 3: Conditions for Fossil Formation

This investigation will help you to:

- Learn more about the likelihood of fossilization.
- Learn more about depositional environments.
- Learn more about the Burgess Shale.
- Find topographic map of your area.

To learn more about the likelihood of fossilization, visit the following web sites:

Maine Fossils: Remains of Life from Another Time and Place, **Maine Geologic Survey**

Scroll down to the "Where Fossils are Found" section to learn more about where fossils are generally located and how this relates to the biased nature of the fossil record.

To learn more about depositional environments, visit the following web sites:

Photos of Depositional Environments,

University of Oregon

See pictures of the different depositional environments and read about the type of sedimentary rocks formed in these different environments.

To learn more about the Burgess Shale, visit the following web sites:

The Burgess Shale, **The Yoho-Burgess Shale Foundation**

Provides links to many topics of interest regarding the Burgess Shale.

The Burgess Shale, **University of California Berkeley**

Learn about the Cambrian World, the fossils in the shale, and the discovery of the shale.

To learn more about topographic maps of your area, visit the following web sites:

How to Find A Map
