

A Rock Sample

GLE 0707.7.2 Summarize the basic events that occur during the rock cycle.

GLE 0707.Inq.3 Synthesize information to determine cause and effect relationships between evidence and explanations.

GLE 0707.Inq.5 Communicate scientific understanding using descriptions, explanations, and models.

Use the photograph of a rock sample to answer the questions below. Be sure to state reasons for your answer.



1. Describe the texture of the rock.
2. To which of the three main groups of rocks does this sample belong?
3. Classify the rock.
4. Briefly describe how this rock formed.
5. Explain how this rock might become an igneous rock.

Learn more online:

- Interactive Rock Cycle Animation,
http://www.classzone.com/books/earth_science/terc/content/investigations/es0602/es0602page02.cfm
- Watch a video
 - Go to WatchKnow.org
 - Type in the search box Our World: The Rock Cycle
 - Click Search
 - Click on the title Our World: The Rock Cycle
 - Click on the play button in the video window
 - Or enter the following address in your web browser
<http://www.watchknow.org/Video.aspx?VideoID=22732&CategoryID=4761>