

Learning Assessment #2 – The Rock Cycle

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This assignment is the second of a series of in-class activities known as learning assessments. These assignments were used in an introductory physical geology course that is a requirement for geoscience majors but has no pre-requisites and is open to students in all faculties.

The purpose of the learning assessments is to provide students with frequent feedback on their understanding of the fundamental concepts taught in the course. The learning assessments also provide information to the instructors and teaching assistants on student learning which can be used to help direct instruction in the course.

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Using the three different rocks, granite, shale and schist, answer the following question.

Can these rocks become one of the others through geologic processes? Describe the geologic processes involved and the evidence you would use to support your claim. You can use drawings to illustrate your answer.