



Title:	Rock On Baby!!!
Grade(s):	5 th
Subject(s):	Science: Types of Rocks
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Overview:	The students will identify three different types of rocks in the rock cycle.
Content Standards:	SC (5) 10.2 Describing the rock cycle. TC (3-5) 12. Create a product using digital tools.
Local/National Standards:	
Primary Learning Objectives:	Using the Scratch program, students will create various types of presentations on the rock cycle.
Additional Learning Objectives:	
Approximate Duration of Lesson:	(2) 30 minute class sessions.
Materials and Equipment:	Notebooks and pencils.
Technology Resources Needed:	Laptop or desktop computers with access to the Internet.
Background/Preparation:	Students will be introduced to the different kinds of rocks through viewing a video presentation so they can have a basic understanding of the rock cycle.
Procedures/Activities:	Step 1 The teacher will introduce Scratch and give an example of what is required from the students for their Scratch presentation. Step 2 The teacher will go step by step to demonstrate to students how to create a Scratch program. Step 3 Students will be grouped to formulate their Scratch presentations on the rock cycle. Step 4 The teacher will check the work of each group as they create their Scratch project. The teacher will also use any mistakes as a teaching moment for the group.
Attachments:	None
Assessment Strategies:	Scratch project must include: metamorphic, sedimentary, and igneous rocks.
Extension:	Have students recreate their rock cycles through art illustrations, songs or a rap, and models of the rock cycle.
Remediation:	Students will label diagrams of the different types of rock and describe what each type of rocks does in a rock cycle.