Name	
How Do Igneous Rocks Form?	
Go to: http://www.classzone.com/books/earth_science/terc/navigation/investigation.cfm , scroll	
down to chapter 6 and click on 'How Do Igneous	Rocks Form?'
Step 1: How Do Igneous Rocks Form?	4
Describe the texture of the four rock samples, use	
Sample #1	Sample #3
Sample #2Step 2: Describing Rock Textures	Sample #4
After clicking on each rock sample what are the d	escriptions for the following?
Coarse-grained texture-	escriptions for the following.
Course gramed texture	
Glassy texture-	
y	
Porphyritic texture-	
Fine-grained texture-	
In the fine-grained sample, what are	vesicles?
Ston 2. Iongong Dool: Toytungs	
Step 3: Igneous Rock Textures How is porphyritic texture related to the other two categories of texture?	
now is porphyride texture related to the other two	categories of texture?
Step 4: Identifying Igneous Rock Textures	
Identify the texture of each of the igneous rocks b	elow as coarse-grained, fine-grained or
porphyritic:	<i>E</i> , <i>E</i>
Sample #1	Sample #4
Sample #2	Sample #5
Sample #3	Sample #6
Step 5: Igneous Rock Crystallization Animations	
What occurs in the magma chamber?	
What type of igneous texture is found in the pyroclastic flow?	
What occurs in the lava illustration?	
Cton C. Innana Dayle Toutone and Carling Date	
Step 6: Igneous Rock Textures and Cooling Rates Identify the cooling rate (fast, slow, or two-staged) and cooling environment (magma chamber,	
eruption from volcano, or deep cooling followed by eruption) of the rock in each image.	
Sample #1	Sample #4
Sample #2	Sample #5
Sample #3	Sample #6
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