Name:		Class:	Date:				ch of the pictures for in	formation
	Rock	Webquest		about	crystal format	tion and fill in the bla	nks below:	
All links can be f	ound on the blog, or	you can type them	n manually.					
Part 1: Igneous	Rocks							
A: http://scienc	ceviews.com/geology	/igneous.html and	answer the questions		Pyrocla	astic Flow		
1. The term "igi	neous" comes from t	he Latin "ignis" whi	ch means		Lava Flow			
2. What is the	difference between	magma and lava?						
3. Use the infor	rmation in the article	e to fill in the chart	below:			Mag	ma	
Type of Rock	Magma or Lava	? Inside Earth o Outside Earth	, ,	•	oclastic flow: ( crystals.	Quick cooling results i	n crystals sur	rounding the
Intrusive						cooling results in many in the	rock.	ases bubbling
Extrusive								
						imulation, use the kn ut each igneous rock s	iowledge you have obtair ample:	ned to fill in
•	sciencekids.co.nz/sc		_		Rock Sample	Cooling Rate:	Environment:	
4. According to	this site, how many o	different types of i	gneous rock are there?		NOCK Sample	Cooling Nate.	Environment.	
5. How does pum	ice form?				1.			
• •	tion of the Earth's c				2.			
	classzone.com/books s0603/es0603page0		rc/content/		3.			
Fill in the chart b	below after examinir	ng the rock samples						
7					4.			
Sample	#1 #2	#3	#4					
Grain Size					5.			
Color			Dark (mafic)		6.	J		
Other features	Smo	ooth, glassy			O.			

Name:	Class: Date:							
	Rock Webquest	Scene Num- ber	Weathering Effect	Before Weather- ing	After Weathering			
Part 2: Sedimento D: http://www.bb	ary Rock oc.co.uk/bitesize/ks3/science/environment_earth_universe/	1	Water	Limestone and sandstone	Stalactites and Stalag- mites form			
rock_cycle/revision	on/3/							
1. Fill in the FLEE rock.	map below with information about the formation of sedimentary	1						
Deposition		2						
	The weight of the sediments on top	2						
	squashes the sediments on the bottom.	3						
2. Four examples o	of sedimentary rock are:	3						
3. In sedimentary	rock the layers are at the bottom and the layers are at the bottom and the	4						
4. Sedimentary more remains form	ay contain the remains of organisms that were once alive. These 	4						
E. Go to: https:/ module07swf.swf	/ees.as.uky.edu/sites/default/files/elearning/							
5. What is weather	ring?		dyjams.scholastic.com imentary-rocks.htm	n/studyjams/jams/	science/rocks-minerals-			
6. Watch the diffe weathering can oc	erent simulations. What are some ways that <b>mechanical</b> ccur?		dy Jams test for Sed nt to, or try the test		can view the slideshow			
F: http://www.gle	encoe.com/sites/common_assets/science/virtual_labs/E06/	8. What was your score on the test?/7=%  If you got questions wrong, what were the topics you struggled with?						
	rent weathering effects and fill in the CHART on the NEXT servations. The first one has been done for you as an example.	11 you got ques	TI you got questions wrong, what were the topics you struggled with?					
Click on "LABELS (	ON" to see the labels!							

Name:	Class:	Date:	Use the intern	net or your textb	ook to find ou	t the answers t	o the following:	
Part 3: Metamorphic R	10. What temperature (in Degrees Celsius) does a rock have to reach in order to turn into a metamorphic rock?							
•								
es0607/es0607page01	om/books/earth_science/terc/co .cfm	ontent/visualizations/	11. What is a fo	oliated metamorpl	nic rock?			
1. Draw the "before" pic	cture, play the simulation and the	n the "after" picture	\//b at ano two .				<del></del>	
Before: Diorite	After: Gneiss		What are two examples?					
			12. What is a nonfoliated metamorphic rock?					
			What are two examples?					
			13. True or False: Metamorphic rocks form when melting occurs					
			14. Other than heat, what else can cause metamorphism?					
			15. Research different metamorphic rocks and fill in the chart below:					
2 and gneiss.	dcause diorite	e to metamorphose into						
I: http://www.onegeology.org/extra/kids/metamorphic.html			Rock Name	Forms From	Foliated or Nonfoliated	Common Uses	Other information	
Use the information on this page to help you to answer the questions/fill in the blanks:				(what kind of rock was it before?)	7101170114104		my or marion	
3. Metamorphic rock fo	rms from	·	Ex:	Basalt, Gabbro,	Weakly	Tiles,	Sometimes	
4. Examples of metamorphic rock are,, and,			Amphibolite	or Graywacke	foliated	buildings, countertops	green	
5. The coast of what co	untry is made of metamorphic roo	ck?	Gneiss					
	uk/bitesize/ks3/science/environ	ment_earth_universe/						
rock_cycle/revision/5/			Schist					
•	re NOT made from	-						
7. Metamorphic rocks CAN contain fossils, but the fossils are			Quartzite					
8. Metamorphic rocks at from	re made from igneous or sedimen Slate forms from	tary rock. Marble forms 	AA aada la					
K: http://www.msnucle metamorphic1a.html	eus.org/membership/html/jh/ear	th/metamorphic/lesson1/	Marble					
9. Copy the diagrams on	this page into the boxes below:		Slate					
Sedimentary ro pressur		lew Metamorphic Rock						