Name:		Class:	Date:					of the pictures for info	rmation about	
	Rock V	Webquest			crystal	formation and	d fill in the blanks bel	ow:		
All links can be f	ound on the blog, or yo	ou can type them in	manually.			_				
Part 1: Igneous	Rocks									
A: http://scienc below:	ceviews.com/geology/i	gneous.html and an	nswer the questions			Pyroclas	stic Flow			
1. The term "ig	neous" comes from the	e Latin "ignis" which	means FIRE			Lava Flow	· · · · · · · · · · · · · · · · · · ·			
	difference between m crust, lava is magma	-		in						
3. Use the info	rmation in the article [.]	to fill in the chart b	elow:				Magn	na		
Type of Rock	< Magma or Lava?	Inside Earth or Outside Earth	Texture (Grain size)		8. Pyroclastic flow: Quick cooling results incrystals surrounding thecrystals.					
Intrusive					9. Lava out of 1	flow: Quick c he lava form	ooling results in many_ in	crystals. 6 the rock.	Gases bubbling	
Extrusive					-		-	crysta ledge you have obtained		
http://www.scie	ncekids.co.nz/science	efacts/earth/ioneou	isrocks html				ch igneous rock sampl			
-	this site, how many di	-			F	ock Sample	Cooling Rate:	Environment:		
					1	. And the second				
5. How does pum	ice form?									
	tion of the Earth's cru		•		2					
	classzone.com/books/ s0603/es0603page01		/content/							
Fill in the chart l	below after examining	the rock samples:			3					
7										
Sample	#1 #2	#3	#4		-					
Grain Size					5	•				
Color			Dark (mafic)		_					
Other features	Smoo	th, glassy			e					
L										

Name:Class:Date:						
Rock Webquest	Scene Num- ber	Weathering Effect	Before Weather- ing	After Weathering		
Part 2: Sedimentary Rock	1	Water	Limestone and	Stalactites and Stalag-		
D: http://www.bbc.co.uk/bitesize/ks3/science/environment_earth_universe/ rock_cycle/revision/3/			sandstone	mites form		
1. Fill in the FLEE map below with information about the formation of sedimentary rock.	1					
Deposition Compaction	2					
The weight of the sediments on top	2					
squashes the sediments	3					
	3					
2. Four examples of sedimentary rock are:	4					
3. In sedimentary rock the layers are at the bottom and the						
4. Sedimentary may contain the remains of organisms that were once alive. These remains form	4					
E. Go to this site (in Firefox): https://tinyurl.com/y8b4ge6k						
5. What is weathering?	G' http://stud	viame scholastic con	/studviams/jams/s	cience/nocks_minenals_		
6. Watch the different simulations. What are some ways that mechanical weathering can occur?	G: http://studyjams.scholastic.com/studyjams/jams/science/rocks-minerals- landforms/sedimentary-rocks.htm Go to the Study Jams test for Sedimentary rock. You can view the slideshow					
		ly Jams test for Sedi it to, or try the test ·		an view the slideshow		
F: Go to this site (in Firefox) https://web.archive.org/ web/20170609090813/http://www.glencoe.com/sites/common_assets/science/ virtual_labs/E06/E06.swf	8. What was yo	ur score on the test?	/7=%			
Click on the different weathering effects and fill in the CHART on the NEXT PAGE with your observations. The first one has been done for you as an example.	If 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	et or your text	oook to find ou	t the answers t	to the following:	
	Rock Webquest			erature (in Degre amorphic rock? _			reach in order to	
Part 3: Metamorphic Roo	ck			. –				
H: https://classzone.com es0607/es0607page01.c	n/books/earth_science/terc/co fm	ntent/visualizations/	11. What is a fo	oliated metamorp	hic rock?			
1. Draw the "before" pictu	ure, play the simulation and then	the "after" picture	What are two a	examples?				
Before: Diorite	After: Gneiss	7	What are two examples? 12. What is a nonfoliated metamorphic rock?					
			13. True or False: Metamorphic rocks form when melting occurs.					
			14. Other than heat, what else can cause metamorphism?					
			15. Research d	ifferent metamor	phic rocks and	fill in the chart	below:	
2 and _ gneiss.	cause diorite	to metamorphose into						
-	I: http://www.onegeology.org/extra/kids/metamorphic.html			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?)				
3. Metamorphic rock form	ns from	··································	Ex:	Basalt, Gabbro,	Weakly	Tiles,	Sometimes	
4. Examples of metamorpl and	hic rock are		Amphibolite	or Graywacke	foliated	buildings, countertops	green	
5. The coast of what coun	itry is made of metamorphic roc	k?	Gneiss					
J: http://www.bbc.co.uk rock_cycle/revision/5/	<td>nent_earth_universe/</td> <td>Schist</td> <td></td> <td></td> <td></td> <td></td>	nent_earth_universe/	Schist					
•	NOT made from	rock. Igneous rock is.	Schist					
	N contain fossils, but the fossils		Quartzite					
8. Metamorphic rocks are	made from igneous or sediment. . Slate forms from	ary rock. Marble forms	Quarizite					
K: http://www.msnucleus metamorphic1a.html	s.org/membership/html/jh/eart	h/metamorphic/lesson1/	Marble					
9. Copy the diagrams on t	his page into the boxes below:		Slate					
Sedimentary rocks		w Metamorphic Rock						