

Igneous, Sedimentary & Metamorphic Rocks Notes

1. What is a rock?

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2. What makes a rock different from a mineral?

Rock	Both	Mineral
Made of _____ _____	Solid	Made of _____ _____
_____ crystal or no crystal structure	_____	_____ crystal structure
	← Granite = Quartz + Feldspar + _____ →	

3. Magma & Lava form Different Types of Igneous Rocks

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Intrusive vs. Extrusive

4. Igneous Rocks: Crystal Size & Cooling Time

	Location of Rock	
	Intrusive (in earth)	Extrusive (earth surface)
Crystal Size		
Cooling time		

5. Some Rocks Form from Rock Particles

- _____ = material that _____ out of water or _____

-Materials can be:

6. How do Sedimentary Rocks Form?

- _____ pile on top of each other on _____ or in _____
- As sediments pile, they become _____ and _____ together

7. Some Rocks Form From Plants or Shells

- Coal- _____
 - The coal we _____ today started forming _____ of _____ years ago in _____
- Limestone- _____

8. Metamorphic Rocks

- _____ and _____ change rocks
 - The original rock is called the _____ rock
 - The new rock formed is called the _____ rock
 - Heat and pressure _____ the _____ of the parent rock and their minerals _____.

9. Examples of Metamorphic Rocks:

1. Parent Rock: _____ → Metamorphic Rock: _____
2. Parent Rock: _____ → Metamorphic Rock: _____
3. Parent Rock: _____ → Metamorphic Rock: _____

10. When a rock forms does it stay that way forever? _____!!!!!!

Rocks are always _____ by processes like:
