Earth Structures: • = should have on map Color indicates neighbors on map – makes nice visual when you have several connecting together	**Classification**
1. The Andes Mountains *	Simple; subduction
2. Baja California *	Difficult – data a mess, hard to decide which side of plate; transform
3. The Hawaiian Islands *	Simple – Hot Spot
4. The Himalayas *	Simple – Buckling boundary
5. Iceland *	Hard – sits on two plates; rift
6. Japan *	In between – nice data but hard to decide which plate; subduction
7. The Java Trench * or Mariana	In between; subduction
8. The Mariana Trench	In between; subduction
9. Mount Etna *	Hard – Mediterranean is a mystery Same map as Mt Vesuvius
10. Mount Popo	Simple; subduction
11. Mount St. Helens	Simple; subduction
12. Mount Vesuvius	Hard – Mediterranean is a mystery – a sister volcano shares same chamber Same map as Mt Etna
13. New Zealand	Simple; subduction
14. The African Rift Valley *	Hard – little data; rift split
15. St. Helena Island	Hard – rift valley under water
16. Montserrat Volcano	Hard – Caribbean a mess
17. Kingdom of Tonga	Hard – data messy
18. Easter Island	In between – hot spot near rift
19. Lake Nyos	In between – not sure if rift or hot spot
20. Mt Pinatubo	Simple – trench; subduction – corner cut off so it will fit with Japan
21. Aleutian Islands	Simple; subduction – on Ring of Fire
22. Galapagos Islands	In between – hot spot but close to a rifting plate boundary

Earth Structures:	Students assigned:
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2. Baja California	
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8. The Mariana Trench	
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