

Study Guide ~ Inside Earth Test

C.36 Identifies and explains evidence of continental drift

- **Vocab:** *continental drift*
- Know what **continental drift** is, **who** studied this theory, and what kind of **evidence** he had to support it. ALSO, know where his theory was **weak**.

C.37 Understands the cyclical processes of sea floor

- **Vocab:** *sonar, mid ocean ridge, deep sea trench, sea floor spreading, subduction*
- Know what **sea-floor spreading** is, **who** studied this theory, and what kind of **evidence** he had to support it.
- Explain the processes of Sea Floor Spreading and Subduction and how they work together.

C.38 Defines plate boundaries and explains what occurs at each

- **Vocab:** *convergent, divergent, transform, Mid ocean ridge, deep sea trench, earthquake/tsunami, rift valley, folded mountains*
- Know what **plate tectonics** is and **who** studied this theory.
- Know what happens to the different **types of plates** (oceanic/continental) at the different **types of boundaries** (convergent/divergent/transform).

C.39 Applies knowledge of plate boundaries to tectonic maps of the world

- Be able to APPLY knowledge of what happens at boundaries to actual maps (i.e. explain what is formed at a given location on the map due to plate tectonics)

Study Checklist:

- Play quia Review Game- link 20
- Review Packet – link 21

C.36 Identifies and explains evidence of continental drift

- Review slides 1-12 in Explain Everything
- Take the Continental Drift QUIA quiz (on website)
- Watch the Bill Nye video – link 15 and notes link 16
- Read Inside Earth textbook pages: 18-22

C.37 Understands the cyclical processes of sea floor

- Review the slides 13-17 in Explain Everything
- Create a drawing to show SFS and subduction.
- Watch the Bill Nye video – link 15 and notes link 16
- Review Inside Earth textbook pages: 23-29

C.38 Defines plate boundaries and explains what occurs at each

- Review the slides 18-21 in Explain Everything
- Use the POWERPOINT – “Plate Tectonics Practice” –link 19 on my website
- Review Inside Earth textbook pages: 32-36
- Watch video – link 17 to review slide 19

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