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Plate Tectonics

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| **Across****4.** layer of mantle that includes some of the oceanic crust**6.** crack in ocean floor where magma seeps out.**10.** solid, extremely hot layer in the center of the Earth**14.** heat transfer within a fluid **15.** supercontinent that formed millions of years ago**17.** device scientists use to map the ocean floor**18.** breaks in the Earth's crust where rocks have slipped past each other**19.** s measure of how much mass ther is in a volumem of water**21.** heat transfer between objects that are touching**22.** place where an oceanic crust sinks underneath continental crust and causes subduction**23.** proccess where oceanic crust is continuelly added. | **Down****1.** heat transfer through space**2.** layer of mantle that is solid but able to flow**3.** what the continental crust is made of.**5.** theory Alfred Wegener discovered.**7.** outside layer of the Earth(where the continents and ocean are)**8.** deep valley that forms at a divergent boundary**9.** indirect evidence scientists use to figure out what Earth's interior looks like.**11.** liquid layer made of iron**12.** what the oceanic crust is made up of mostly.**13.** any trace of an ancient organism that hasbeem preserved in rock**16.** broken parts in the Earth's lithosphere**20.** proccess where oceanic crust is recycled back down into the mantle at a trench |