

TECTONIC PLATES EVIDENCE NOTES



Glue this side into your notebook



Historical ideas of plate tectonics

Current ideas of plate tectonics

Type of evidence		a. What is it? b. What does it say about the changes to Earth?
Historical data		
Wegener and early map makers	“puzzle-like-fit”	
Wegener	paleoclimate data	
	fossils and rocks	
	continental drift	
	paleomagnetic data	
Holmes	convection theory	
Hess/Deitz	sea floor spreading	

Type of data		a. What is it? b. What does it say about the changes to Earth?
Current Data		
	seismic data	
	GPS/GIS data (plate movement/rates of change)	
	robotic studies on sea floor	
	investigations of Earth's interior	