

HW
10/5/2024

Home Assignments

Q- Compare between the crust, the mantle and the core

ans

	The Crust	The Mantle	The Core
1. Location	It is in the uppermost layer of the earth	It is located just below the crust	It is the innermost layer of the earth.
2. Temperature	200°-400°c	400°c - 4000°c	Temperature 5000°c
3. Depth	Oceanic - 5-10 km Continental - 35-70 km	2900 km	inner core - 1200km outer core - 2300km
4. Minerals	SIAl (Silicon + Aluminium)	SIMA (Silicon + Magnesium)	NIFE (Nickel + Ferrum (Iron))
5. State of Matter	Solid	Semi-Solid (Liquid)	Inner core - Solid outer core - Liquid