







Supplemen Mot	tal packet page 28 NET <u>Solid Core</u> large mass occupying a small volum	e; $D = \frac{10 \text{ g}}{10 \text{ g}}$
Eart	h particles packed closely	1 cm ³
	Gaseous Atmoshpere small mass occupying a large volum particles packed far apart	$D = \frac{1 \text{ g}}{1000 \text{ cm}^3}$
Location	Composition by Mass	Density
Core	Fe (iron) >> Ni (nickel) >>> Co (cobalt)	10-15 g/cm ³ large mass, small volume
Mantel	O (oxygen) > Si (silicon) > Mg (magnesium) > Fe > Al (aluminum)	4-6 g/cm ³
Crust	O > Si > Al > Fe	2.8 g/cm ³
Atmospher e	N (nitrogen) > O (oxygen) > Ar (argon) > C (carbon)	~0.001 g/cm ³ @ 1 atmosphere of pressure small mass,
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	Our Universe	
Location	Composition by Mass	
Sun	H (hydrogen) > He (helium)	
Space	H (hydrogen) > He (helium)	













