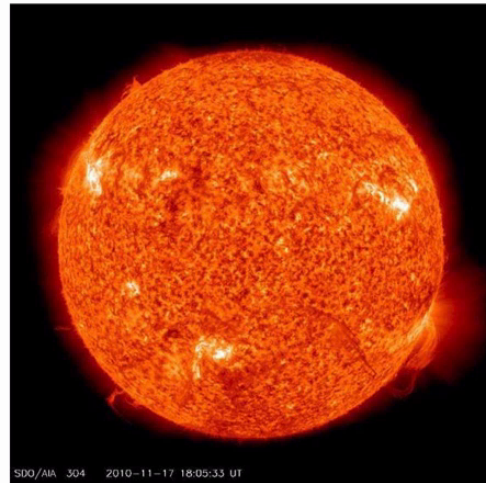


Black Holes

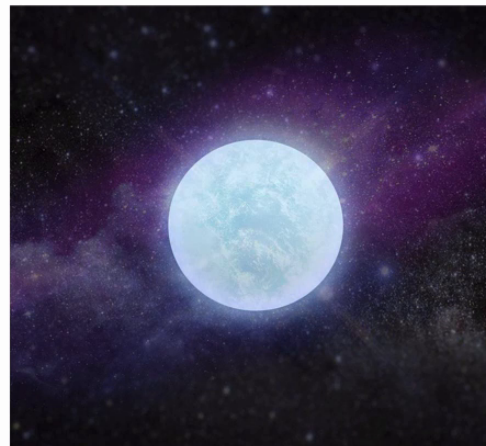
1



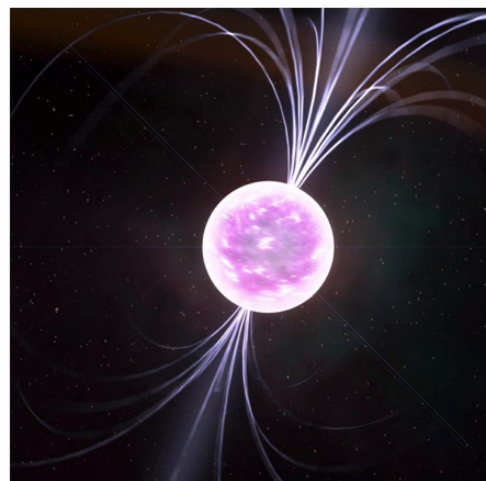
Earth escape velocity
11 km/s



Sun escape velocity
600 km/s



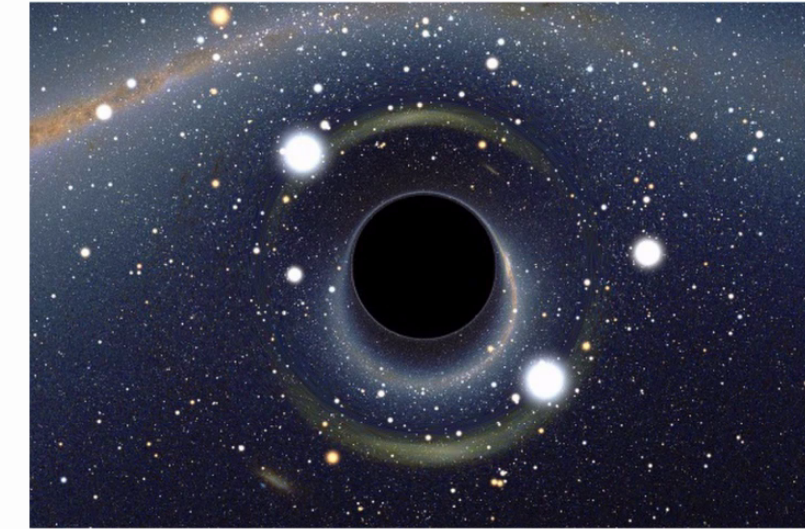
White Dwarf escape velocity
6,000 km/s



Neutron Star escape velocity
150,000 km/s

2

A black hole is place where the escape velocity exceeds the speed of light: light cannot escape, nor can anything else



3

Spacetime is infinitely curved around a black hole: once an object falls in, there are no paths leading back out

