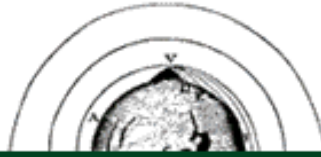


Sir Issac Newton drew this diagram to illustrate the concept of orbits.



If a gun with one powder charge is fired from Newton's Mountain; the cannonball will fall at point A.



Add more gunpowder, fire again, the cannonball will fall at point B.



With more gunpowder the cannonball will go so far that it never falls TO earth. Instead, it falls AROUND the earth. It is now in orbit.

