to Isaac Newton

We three laws of orbiting
A gravmas carol

words by James P. Hoghan & Kate Gladstone
music by Rev. John Henry Hopkins

1. We three laws of orbiting are
2. First Law am I, by Newton drawn: An
3. The Second Law, I come to say:
4. Third Law: to every action must be An

Ruling trajectories local and far
object in motion keeps moving on.
F is equal to m times a. For
equal, opposing reaction. We

Collisions billiard, particles myriad
Ever proceeding, not slowing or speeding Till
acceleration Newton give credit, Who
Planet and moon and star. Oh! Oh!
other force acts thereon.
Second Law shows the way.
gave us the Laws all three.

Laws of wonder, laws of might, Laws that steer the worlds a-right,

Never failing we are hailing Your pow'r and mystery tonight!