

## **Vocabulary List for *Sir Isaac Newton: The Apple and Beyond***

The following words and names are listed in the order in which they appear in *Sir Isaac Newton: The Apple and Beyond*.

**calculus:** a branch of mathematics that deals with changing quantities.

**Neil Armstrong:** (1930 – present) US Astronaut, first person on the moon.

**Albert Einstein:** (1879-1955) German physicist and mathematician, famous for the Theory of Relativity.

**Alexander Pope:** (1688-1744) English poet.

**proportional:** to keep the same ratio between objects.

**idle:** lazy.

**Humphrey Newton:** (? - ?) an assistant to Isaac Newton, although they shared the same last name they were not related.

**catalyst:** something that causes change.

**plague:** a fatal, epidemic disease.

**refracted:** bent, deflected from a straight path.

**Galileo Galilei:** (1562-1642) Italian astronomer and physicist.

**accelerate:** to speed up, to increase in velocity.

**inertia:** the property that keeps an object at rest.

**mass:** the amount of material that makes up an object.

**Johannes Kepler:** (1571-1630) German astronomer and mathematician.

**Robert Hooke:** (1635-1703) English scientist.

**Gottfried Leibniz:** (1646-1716) German mathematician and philosopher.

**Queen Anne:** (1665-1714) English Queen from 1702-1714.