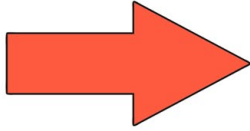


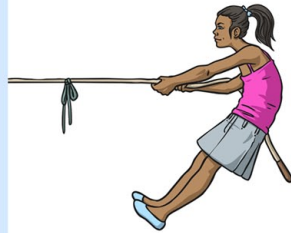
Forces



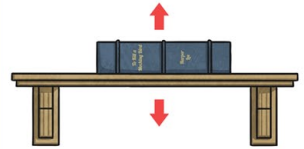
force



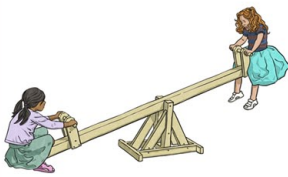
push



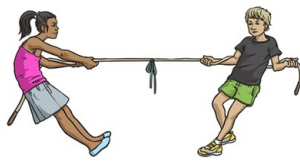
pull



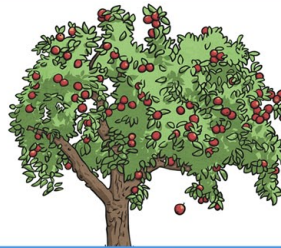
balanced



unbalanced



opposing



gravity



air resistance



water resistance



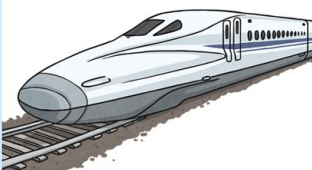
friction



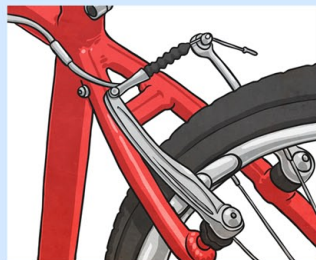
Isaac Newton



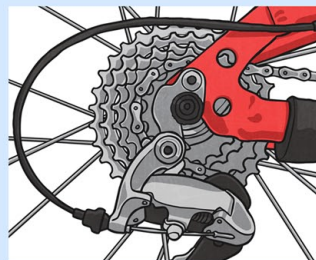
Galileo Galilei



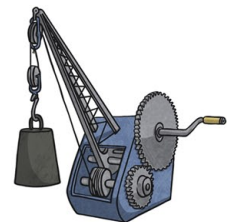
streamline



brake



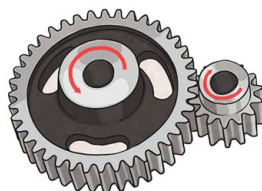
gear



mechanism



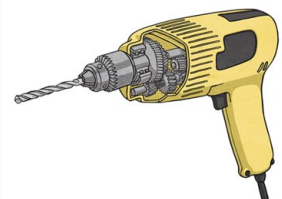
lever



cog



pulley



machine