**8a Acids and Alkalis**

acid , alkali , corrosive , dilute , hydrochloric , indicator , lemon ,

litmus , neutral , universal , vinegar

**8b Acids and Alkalis**

acid , alkali , base , carbonate, metal , neutralisation ,

nitric , oxide , potassium , reaction , salt , sulphate , sulphuric

**9a Waves**

colour , converging , diverging , filter , focus , image , incidence , lens ,

mirror , normal , plane , prism , reflect , transparent

**9b Waves**

vibrate , sound , waves , frequency , microphone , decibel , pitch ,

oscilloscope , echo

**10a Staying alive**

alveoli , artery , breathe , diaphragm , muscles , oxygen , respiration ,

veins

**10b Staying alive**

addiction , antagonistic , bone , contract , hinge , ligament , muscle ,

reflex , skeleton , stamina , strength , suppleness

**11a Mixing substances**

chromatograph , filtration , insoluble , distil , filter , particle , mixture ,

soluble , saturated , solute , solvent

**11b Mixing substances**

atom , burning , chemical , compound , condenser , dissolve ,

distillation , evaporate , formula , filter , mixture , molecule , pure ,

separate , soluble , insoluble

**12a Earth and space**

atmosphere , ellipse , eclipse , equator , galaxy , gravity , lunar ,

moon , orbit , phase , planet , satellite , season , solar , star ,

universe

**12b Earth and space**

accelerate , atmosphere , balanced , ellipse , force , gravity , kilogram ,

newton , planet , rocket , satellite , weight

**13a Plants**

biomass , chlorophyll , chloroplasts , glucose , leaves , oxygen ,

photosynthesis , respiration , starch

**13b Plants**

conservation , decompose , fertiliser , herbivore , nitrogen , pesticide ,

phosphorous , potassium , producer