

MATTER AND LIGHT QUIZ KEY

REFRACTIVE INDEX – RATIO OF THE SPEED OF LIGHT IN A VACUUM TO ITS SPEED OF THE GIVEN SUBSTANCE.

BIRE FRINGENCE – DIFFERENCE IN THE TWO INDICES OF REFRACTION.

REFRACTION – THE BENDING OF A LIGHT WAVE AS IT PASSES FROM ONE PLACE TO ANOTHER.

CRYSTALLINE SOLID – SOLID WITH A REGULAR ARRANGEMENT OF ATOMS.

AMORPHOUS SOLID – SOLID WITH AN UNREGULAR ARRANGEMENT OF ATOMS.

DIPERSION – SEPERATION OF LIGHT INTO WAVELENGTHS.

BECKE LINE – BRIGHT HALO OBSERVED WHEN A PARTICLE IS IMMERSSED IN A LIQUID.

LAMINATED GLASS – GLASS WITH TWO SHEETS OF ORDINARY GLASS BONDED TOGETHER.

SUBLIMINATION – WHEN A SOLID TURNS DIRECTLY INTO A GAS.

INTENSIVE PROPERTY – PROPERTY THAT IS NOT DEPENDENT OF THE SIZE OF AN OBJECT.

RADIAL FRACTURE – CRACK IN THE GLASS THAT EXTENDS OUTWARDS.

TEMPERED GLASS – GLASS THAT IS STRENGTHENED THROUGH HEATING AND COOLING.

PHASE – A UNIFORM BODY OF MATTER.

LASER – LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION.

WAVELENGTH – THE DISTANCE BETWEEN CRESTS OF ADJACENT WAVES.

FREQUENCY – THE NUMBER OF WAVES THAT PASS A GIVEN POINT.

VISIBLE LIGHT – COLORED LIGHT RANGING FROM RED TO VIOLET.

PHOTON – SMALL PACKET OF ELECTROMAGNETIC RADIATION ENERGY.