

WEEK	TOPIC	OUTCOME & CONTENT
8	HEAT & AIR	H1, H2, H4, H6 – Heat Transference: <i>Conductors & insulators, heat absorption of shiny and dark surfaces, conduction in solids</i>
9	HEAT & AIR	H3, H4, H5, H6 – Heat Transference: <i>Insulation properties of substances, Convection, radiation</i>
10	HEAT & AIR	H3, H4, H5, H6 – Thermal Expansion: <i>Expansion of solids, liquids and gas, expansion and contraction</i>
TERM 2		
1	HEAT & AIR	H5, H6 – Heating Substances: <i>Heat causing : 1.Change of temperature 2.Expansion 3.Change of state 4. Chemical change, expansion and contraction, combustion.</i>
2	HEAT & AIR	H7, H8, H9, H10, H11 – AIR: Fire triangle: heat, fuel and oxygen, composition of air- nitrogen, oxygen and carbon dioxide, respiration and combustion comparison, properties of oxygen and carbon dioxide
3	HEAT & AIR	H7, H8, H9, H10, H11 – AIR Continued...
4	LIGHT	L1, L2, L3, L4, L16, L17 – Propagation and Reflection of Light: <i>light travel in straight lines, pinhole camera, angle of reflection and angle of incidence, nature of shadows, image in a pinhole, image in a mirror</i>
5	LIGHT	L10, L15, L16, L17 – Refraction and Dispersion of Light: <i>refraction –light bending from one transparent medium to another, measure focal length of a convex lens, dispersion, concave and convex lens, focal point, displacement of image in water, spectrum, prisms</i>
6	LIGHT	L11, L12, L13, L14, L16 – The Human Eye: <i>Seeing objects as light is emitted from objects, labelling parts of the eye, function of the parts of the eye, short sighted and long sighted, binocular vision vs judging distance</i>