

Year 9 Light Memory Dump – Billanook College

Name - HG - Teacher -

Time spent preparing:

1. Basic properties of light

Prompts – Electromagnetic , speed, direction, definitions, luminous

Extension prompts - how lenses can be used in cameras, in microscopes and telescopes, How glasses can help improve vision

2. Understanding of light behaviour

Prompts – reflection, refraction, TIR, refractive index, lens behaviour, ray tracing diagrams, real, inverted, diminished, Snell's law

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4. Colour

Prompts – primary, secondary, filters, addition, subtraction

3. The eye

Prompts – Parts, how the eye works, dissection, accommodation, colour blindness, blind spot, rods, cones

Research task 1-

Research task 2-

Research task 3-