

LEARNING JOURNEY

Physics



P13 – Electromagnetic Spectrum (Trilogy + Separates)

Year 11 Autumn Half Term 1

This module continues your learning journey from previous learning from Waves modules.

You will now learn specifically about the electromagnetic spectrum and how it is useful for many purposes but how some parts are dangerous and even ionising.

Waves

Wave Types:

You will revise the two types of waves and link transverse to the upcoming content in this module.

Electromagnetic Spectrum

You will learn about the properties of electromagnetic spectrum and where it is useful.

Non-Ionising Radiation

You will learn about the non-ionising part of the spectrum and its uses and dangers associated with each part.

Ionising Radiation

You will at ionising radiation and how this is used in the medical profession.

TUDOR HABITS: You will develop the Tudor Habit of Positive Self Regulation because it looks at how too much sun exposure could lead to harm to your health.

VOCABULARY:

Transverse
Electromagnetic
Ionising