

# LEARNING JOURNEY

## Physics



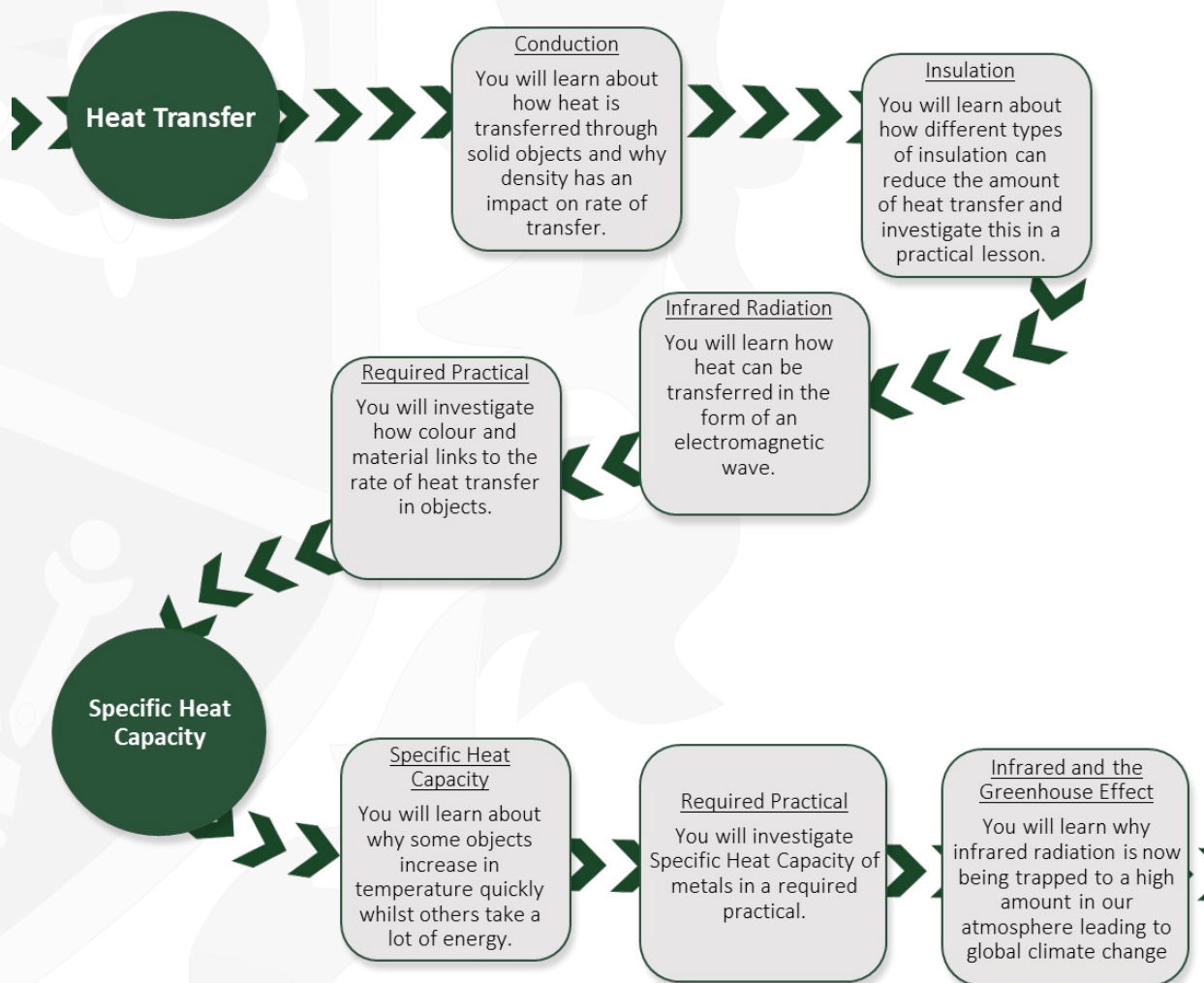
### P2 – Heating (Trilogy and Separates)

Year 10 Autumn Half Term 1

This module continues your learning journey from previous learning in Physics about energy.

You will develop an understanding which builds directly on Key Stage 3 work on Heat Transfers. This module looks at the issue of heat loss and how we can reduce it which can then be applied to our homes.

You will also look at Specific Heat Capacity which is the amount of energy required to change the temperature of 1Kg of a substance by 1°C.



**TUDOR HABITS:** You will develop the Tudor Habit of responsibility as we consider the responsibility of humans to invest in insulation and reduce our energy consumption.

#### VOCABULARY:

Conduction  
Thermal  
Insulator  
Specific Heat Capacity