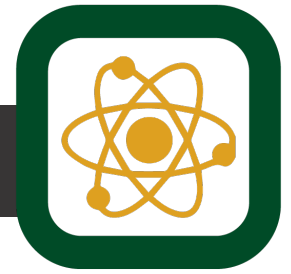


LEARNING JOURNEY

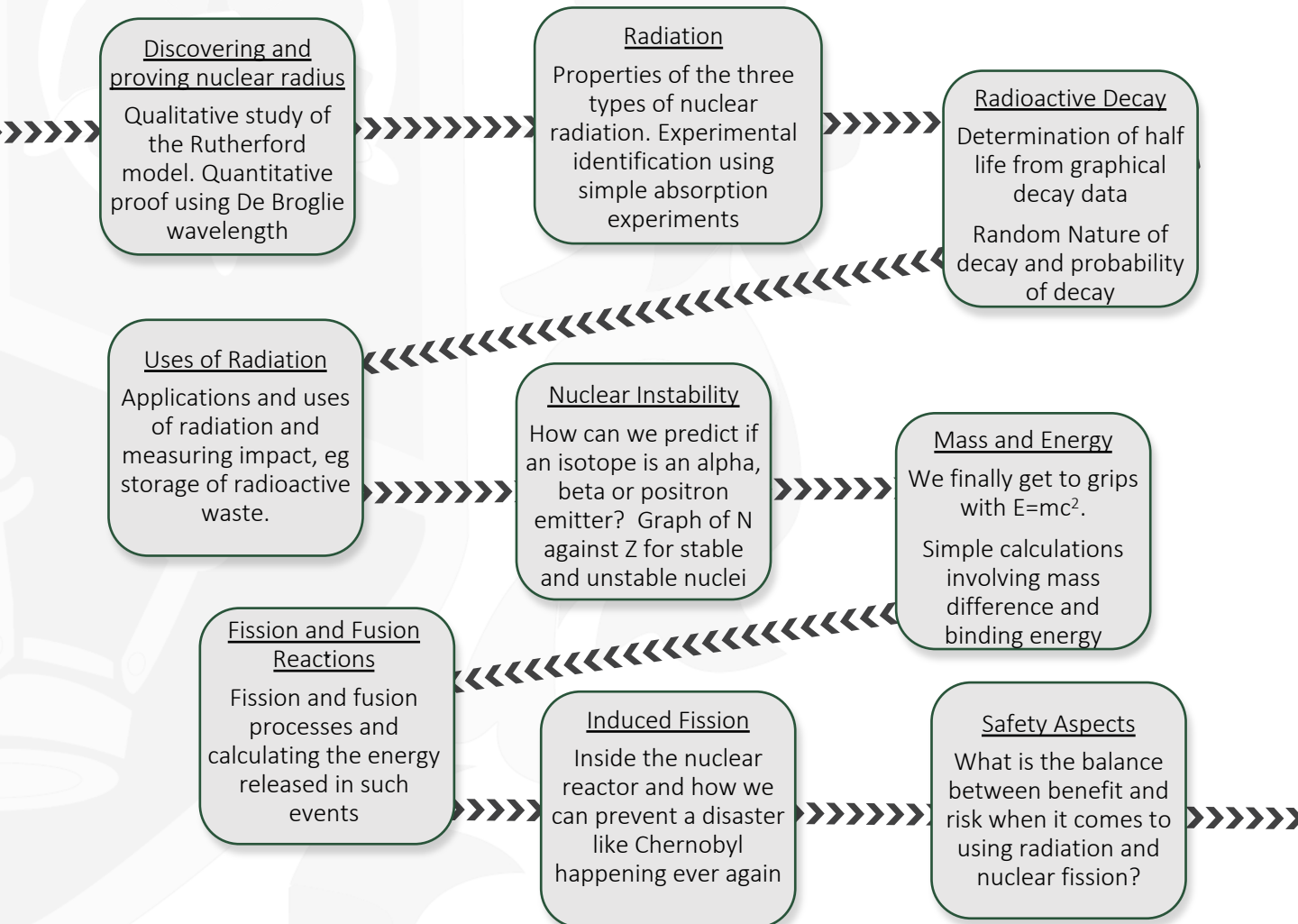
Physics



Radiation

Year 13 Physics Spring Term (Teacher 1)

This section builds on the work of Particles and radiation to link the properties of the nucleus to the production of nuclear power through the characteristics of the nucleus, the properties of unstable nuclei, and the link between energy and mass. Students should become aware of the physics that underpins nuclear energy production and also of the impact that it can have on society.



TUDOR HABITS AND VALUES: Show grit and courage as you attempt increasingly complex calculations using various formulae and units to solve challenging questions.

VOCABULARY; activity, decay, fission, fusion, half life, nuclear, isotope, decay constant, exponential