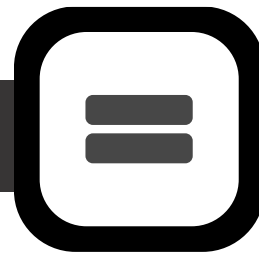


LEARNING JOURNEY MATHS

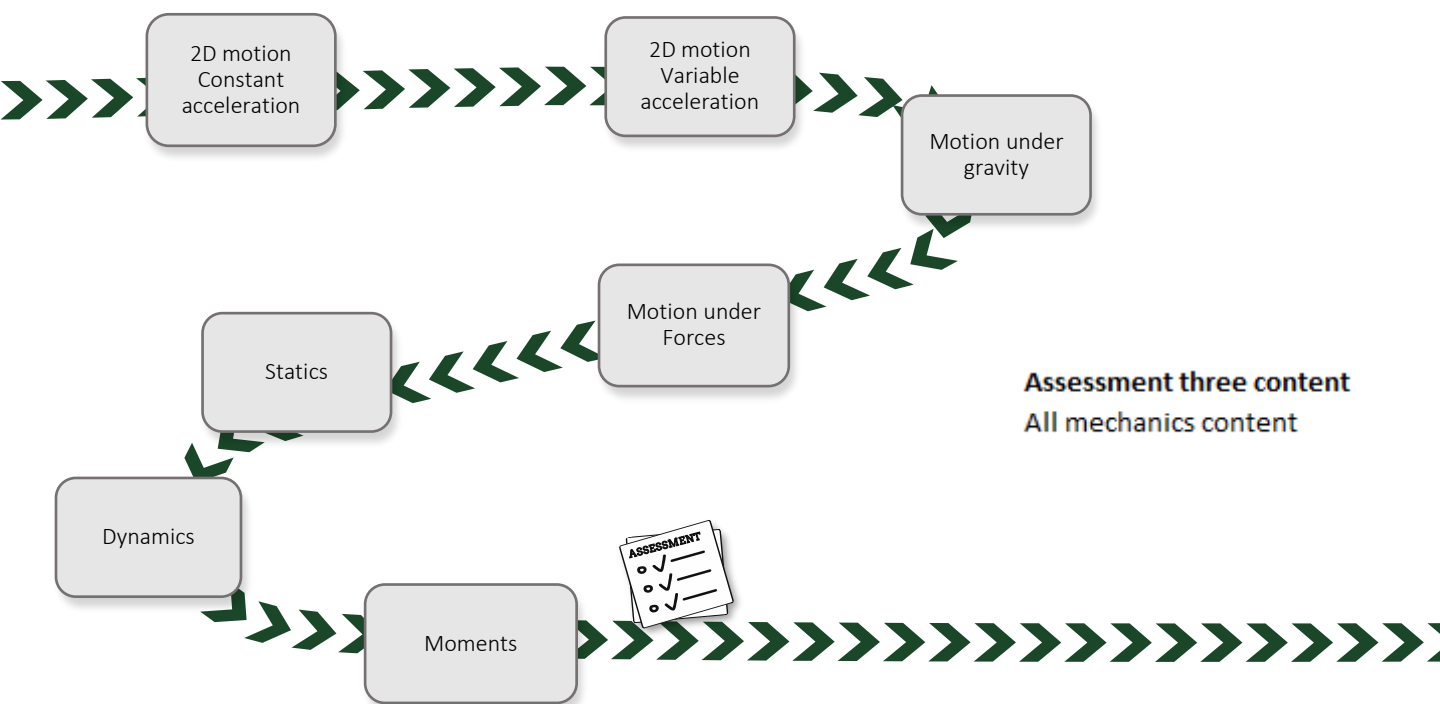


Year 13 A level Maths

Mechanics – Teacher 1

The study of applied mathematics allows you to apply your understanding of pure mathematics to solve contextual problems. It is common to generate a mathematical model to describe a context, gather data by testing your model, leading to a refinement of the mathematical model. The use of applied mathematics is everywhere!

The nature of mechanics has significant links to many other subjects such as Physics and Technology. The study of Engineering, and similar courses after A levels, use understanding from this module.



Dr Frost homework tasks are set almost weekly.
Each teacher will set and review a common homework task.
Weekly study supports are on offer. Ask your teacher for details.
Ensure your subject folder is kept organised.

TUDOR HABITS AND VALUES: You will begin to understand what it is to be a mathematician at KS5; to be inquisitive, curious, kind yet critical, and you will continue to build metacognitive skills through your questioning of concepts and ideas.

VOCABULARY: Moment, coefficient of friction, limiting equilibrium