

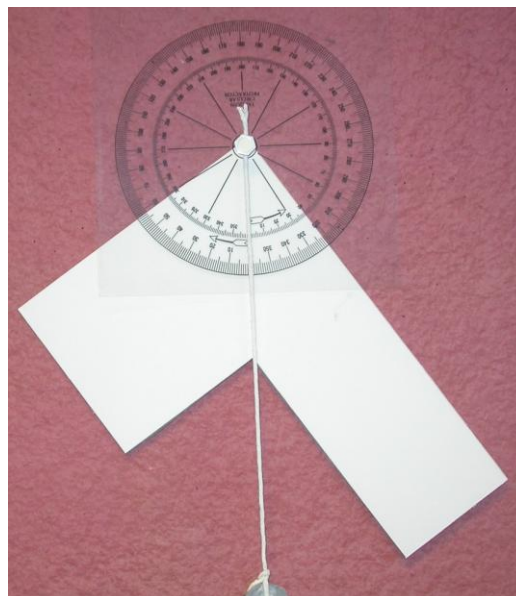
Professional Development with the Further Mathematics Support Programme

# Ideas for Simple Practical Work and Problem Solving in Mechanics

at **Cheltenham Ladies'  
College**

Monday 13<sup>th</sup> June 2011

10:00am – 3:30pm



This course aims to provide simple practical and problem solving ideas that can be used with students taking early modules in mechanics, as well as a range of concept questions for promoting discussion and testing student understanding. All the ideas used will be ones that teachers can take away and replicate with a minimum of equipment and resources. All the delegates will be encouraged to carry out a range of activities.

Session 1: Introducing Mechanics – An approach to introducing mechanics designed to help develop a conceptual approach to the subject.

Session 2: Practical activities, problem solving tasks and concept questions for Friction, Forces & Statics, Applying Newton's Second Law, Connected Particles and Projectiles.

Session 3: Practical activities, problem solving tasks and concept questions for Moments, Centres of Mass, Sliding and Toppling, Circular Motion, Work Energy and Power.



**The cost per delegate will be £120 or £60 for delegates from schools registered with the FMSP. This includes refreshments and lunch.**

**To Book your place contact: Julie Tombs ([jtombs@plymouth.ac.uk](mailto:jtombs@plymouth.ac.uk))**

Ted Graham – Further Mathematics Support Programme Area Coordinator  
[tedgraham@furthermaths.org.uk](mailto:tedgraham@furthermaths.org.uk) Tel: 01752 586873

The Further Mathematics Support Programme is managed by MEI and funded by the DfE.