Wolfram STEM based software for Victorian Teachers

Hands-On Mentor Training

Friday 3 March

10.00 a.m – 3.00 pm

Latrobe University Bendigo – Business Board Room
(Level 1 Business and Technology Building; Room 129)

What is Wolfram STEM based Software?

Wolfram software products are internationally recognised as powerful tools for STEM based learning. Wolfram have applications in the areas of computation, problem modelling, coding and more. This software also enables the creation of learning resources and assessment.

Who will lead this training and what will be learnt?

Victorian teachers are invited to this seminar and training delivered by Wolfram educator, Craig Bauling to support the use of these tools in the classroom. This hands-on training will provide teachers the basics for using the Wolfram tool suite within their classrooms. This training is suitable for teachers in all STEM areas and in particular those focused within Mathematics based learning.

Teachers will learn different ways to engage students to interact with Mathematica and other available Wolfram tools, enter queries through natural language input, create lesson plan notebooks, perform numeric and symbolic calculations, generate 2D and 3D visualisations, and create interactive models.

How is this training valuable for me as a classroom teacher or curriculum leader?

The Victorian Department of Education and Training have entered a three-year agreement with Wolfram to provide access to Wolfram software to all secondary schools within Victoria, including Catholic and Independent Schools. Mathematica software has already been utilised in some schools across Victoria, particularly as part of a six-year trial of computer based exams for VCE Mathematics Methods conducted by the VCAA. Mathematica has the potential to improve student learning, problem solving and engagement when making use of Maths in their day to day learning program.

What is required for the day?

Participants will need to bring their own laptops equipped with Mathematica software to utilise the hands-on aspects of this training. Download software here

How do I register?

Please note there are only 30 places available for this training day
Register at: http://www.wolfram.com/training/special-event/hands-on-start-to-mathematica-victoria-mentors/