Algebra
Unit 1 Line Master 14

Mathematical Modelling Graphic

The Process of Mathematical Modelling

Real-Life Situation Analyse Understand the Situation Create a the Problem What assumptions Mathematical • What questions do I make about Model need answering? the situation? • What representations, What information · What changes, tools, technologies, is needed? remains the same? and strategies will help build the model? **Share and Act Upon** What math concepts Model(s) and skills might be involved? **Analyse** and Assess the Model • Can this model provide a solution to the problem? • What are alternative models?