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2016
*Celebrating
75 years*

Maths Senior Cycle

Given the cumulative nature of mathematical learning, senior cycle mathematics encourages students to develop their prior knowledge, concepts and mathematical skills by exposing students to work in more demanding contexts. Students are encouraged to form connections, where appropriate, within and across five strands:

- Statistics and Probability
- Geometry and Trigonometry
- Number
- Algebra
- Functions

whilst simultaneously seeing cross-curricular connections and its vital life applications and skills beyond secondary education.

Five particular skills promoted and crucial to maximising mathematical teaching and learning at senior cycle are:

- information processing
- being personally effective
- communicating
- critical and creative thinking
- working with others

Alongside utilising these skills, students are encouraged to adopt a variety of methods to successfully tackle areas such as problem solving. The success of these strategies empowers students as mathematical learners, developing their self-confidence and helping them to engage fully in discussions generated from investigations and to take control of their own learning.