# Course Selection Options

Pre-Calculus 11 Lord Byng Secondary

#### Pre-Calculus 12

- Preparation for a university/college level calculus course.
- Required for most science and engineering programs.
- Not required for graduation.

#### Pre-Calculus 12 Semestered

- Earn credit for Pre-Calculus 12 and Calculus 12 in one year (eight credits)
- Math class every day.
- Ideal for Grade 11 student going into Grade 12 and needing a calculus course.
- Calculus 12 needed for admission to Ontario universities (but not BC universities).
- Should have A or B grade in PC 11.

#### Foundations of Math 12

- Practical, useful and fun math!
- Can take without taking Foundations of Math 11. Open to everyone!
- Check your school of choice to see whether it will be accepted.

### Statistics 12 (AP Stats 12)

- Covers the basics of statistics, including probability and hypothesis testing.
- A blend of theoretical and applied math.
- Ideal for students going into science, engineering, business, social science/psychology, medicine, sports or research.
- Lots of reading and writing required for communicating your analysis. Technology is used frequently for calculations.

## Geometry 12

- A new course on geometry.
- Studying features of angles, polygons; developing logical thinking, proofs and creative thinking.
- Ideal for the spatial thinker or someone considering a career involving spatial thinking (engineering, architecture, design).

#### Need More Info?

- Talk to your teacher for details on each math course.
- Talk to post-secondary institutions for admissions requirements for various programs.
- Talk to your grade counsellor for information on graduation requirements or general advice.