



OUR REF: DEC/LJL

31 July 2018

Dear Parent/Guardian

### Re: Grade 10 Mathematics into TCE

I am writing to you in regards to your child's Grade 10 Mathematics options for the remainder of this year.

Shortly you child will be involved in a course selection process to choose subjects to study in Grade 11. The choices in Mathematics are:

- Mathematical Methods 4 - A pure maths course for focusing on probability, calculus and function study.
- Mathematical Methods 3 - A *foundation* pure maths course that leads to and enables the study of Maths Methods 4 in Grade 12.
- General Mathematics 3 - A course containing practical applications of statistics, networks, geometry, sequences and finance.
- General Mathematics 2 - A *foundation* course that strengthens algebraic and geometrical skills to allow students to study General Mathematics 3 in Grade 12.
- Workplace Maths 2 - A practical course that will help students prepare for the workplace.
- Essential Skills – Maths 2 - A course designed to qualify students for the 'everyday adult standard' for mathematics (a requirement for the TCE Certificate). All the courses above (if passed) will qualify students for this standard.

Students in Mr Townsend's and Mr Sheehan's present classes will generally choose between the two options of Mathematical Methods 3 (foundation) and General Mathematics 3 to study in Grade 11. Because of the vastly different focuses of these two subjects, we try to tailor our studies in second semester in Grade 10 to meet the requirements of the TCE subject your child will be choosing. From now until the end of the year, Mr Townsend will teach Grade 10 Mathematics tailored towards General Mathematics and Mr Sheehan will teach Grade 10 Mathematics tailored towards Mathematical Methods.

In brief, the **Mathematical Methods** subjects are a requirement for engineering, physical science and some commerce/economics tertiary courses. These subjects require a high degree of mathematical proficiency. In particular, it is strongly recommended that (in terms of mathematical prowess) an overall **CA** award is achieved at the end of Grade 10, including the specific criteria awards of **B** (or better) in *Use patterns and algebra*, **B** (or better) in *Uses linear relationships* and **C** (or better) in *Uses non-linear relationships*.

**General Mathematics 3** also requires a high degree of mathematical proficiency. In particular, it is strongly recommended that (in terms of mathematical prowess) an overall **CA** award is achieved at the end of Grade 10, including the specific criteria awards of **B** (or better) in *Applies Pythagoras and trigonometry*, **B** (or better) in *Uses linear relationships* and **C** (or better) in *Uses patterns and algebra*.

Please note a more detailed explanation will be provided at the TCE Subject Selection Night on Thursday 16 August.

Using their preferred choice of TCE mathematics subject as a basis, students are requested to nominate the class in which they wish to study for the remainder of this year. I ask you to fill out the slip below and have your child return it to their current Maths Teacher by Monday 6 August please.

Please do not hesitate to contact your child's Teacher or myself on 6336 6075 if you have any questions.

Kind regards



David Coulson  
**Head of Mathematics**



**GRADE 10 MATHEMATICS INTO TCE**

Student's Name: \_\_\_\_\_

Current Maths Teacher: \_\_\_\_\_

The Mathematics subject I choose for the rest of year (tick):

10ACMathematics - Methods

10ACMathematics - General

Signed [Parent/Guardian] \_\_\_\_\_ Date: \_\_\_\_\_

**Please return this slip to your current Maths Teacher by Monday 6 August**