

August 2023

Dear Parent / Guardian of a Mathematics achiever

IEB Further Studies Mathematics

AdMaths (Pty) Ltd is a service provider in IEB International's Further Studies Mathematics (previously AP Maths). Further Studies Mathematics is an extra *subject* and not an extra *class* in school mathematics. The aim of the subject is to stimulate and enrich a learner, who is already performing well in Mathematics, by augmenting the school syllabus to stimulate and enrich. Mathematical concepts are learnt ahead of their time. This makes learners sharper and they grasp concepts quicker. The subject places Mathematics in perspective and widens horizons.

Do universities recommend additional mathematics?

The brochures of many South African universities give mentioning to "additional mathematics" as highly recommended. Mathematics Higher Grade was examined in 2007 for the last time. Many students testify that CAPS Mathematics did not adequately prepare them for first-year mathematics at university. Although they obtained 80% or more at school, they struggle to adjust to university, especially in the first six months. Subjects like Further Studies Mathematics (FSM) and Alpha Mathematics are nearly indispensable for fields like Engineering, B.Sc., B.Comm. and Actuarial Science. These subjects ideally bridge the gap between matric and university. First-years are lost if they have not been exposed at school to topics like absolute values. Nearly every IEB school in South Africa offers FSM, which is an indication of how high the benefits at university are esteemed.

What is the difference between AdMaths and Further Studies Mathematics?

AdMaths is the name of the programme that teaches the union of the contents of the Further Studies Mathematics and Alpha Mathematics curricula. Our learners are therefore more ready for university than the candidates at most private schools that teach the subject. Grade 12s are registered by us for IEB International's Further Studies Mathematics final examination, which occurs in October before the commencement of the Senior Certificate examination. The FSM certificate improves the chances of university admission as it gives a testament to an aspiring student's independence, self-organisation and problem-solving skills.

Which mathematics topics are taught?

The normal, scheduled contents cover Algebra, Calculus and Matrices. Furthermore, optional exposure to the topics A, B and C below are provided, which learners may do in their own time or during holidays. AdMaths accommodates the studious learner who wants to do more.

To obtain the accredited IEB certificate, a Further Studies Mathematics candidate only has to register for the *Standard* (Paper 1) option i.e. the taking of a 2-hour examination assessing Algebra and Calculus.

Candidates who wish to be assessed more widely, register for the *Extended* option and then write the 1-hour Paper 2 in addition to Paper 1. Paper 2 comprises the following three electives of which one must be answered: A. Matrices & Graph Theory B. Financial Mathematics & Modelling C. Statistics.

Are there in-person contact sessions?

For information on your closest centre visit www.admaths.co.za >> *PARTICIPATING SCHOOLS*. The contact sessions (*Gold* package) occur once per week in term time and are 1½ hours in duration. On the *Silver* package, learners attend the weekly, live webinar class.

Study material and assessment

AdMaths' study material has been in development since 2005 and is regarded among the best of its kind in South Africa. It is made available quarterly (electronically) on the learner's profile and the hard copy may be ordered by clients at www.admathsretail.co.za. All clients are also linked to pre-recorded video lectures. Learners write a test/examination every quarter at the nearest examination venue on a pre-determined day. Informal assessment ("tutorials") must also be submitted.

Packages and Registration

Find included a page which elaborates on the *Diamond*, *Gold*, *Silver* and *Bronze* packages with their respective monthly instalments. Additional cost applies to a Grade 11 newcomer.

The yearly fee on (e.g.) the *Gold* package (in-person classes, hard copies excluded) is R6612, which is the sum of 12 payments of R551 each from 1 January to 1 December 2024.

Complete the form at www.admaths.co.za
>> *APPLY* by the latest **Thursday 30 November 2023**.

The course "starts" when the study material is made available on 15 December 2023, although the live schedule only starts in the week of 22-26 January 2024.

All first-time participants pay a registration fee of R495. We send an invoice with banking details and a due date of **Friday 8 December 2023**.

Do you sign a contract with AdMaths?

Yes, you will receive an email from esign@admaths.co.za. You may cancel the contract by submitting a month's notice at system@admaths.co.za. You may migrate between packages.

What happens at the end of a year?

There is an administrative fee of R190 payable to extend the contract for another year.

AdMaths reserves the right to close the class of a *Gold* service of which the number of learners has become too few to operate viably.

We also offer Further Studies Physics. The Further Studies subjects are intellectual investments of which the benefits are far more than merely the content which provides a head-start at university.

We look forward to having the learner on the programme.

Kind regards



Jean Nico de Villiers
Principal