



September 2024

Dear Parent / Guardian of a Grade 8 / 9 / 10 2024 academic achiever

IEB Further Studies extra subjects

AdMaths (Pty) Ltd is a preferred service provider in the Further Studies extra subjects of the Independent Examinations Board (IEB) i.e. Further Studies Mathematics, Further Studies Physics and Further Studies Chemistry. These are extra *subjects* and not extra *classes* in Mathematics and Physical Sciences. The aim of the subjects is to stimulate and enrich learners who are already performing well or have a great interest in the subject fields, by augmenting the school syllabus. Some concepts and theory are learnt ahead of their time. This makes learners sharper and they grasp quicker. The subject fields are put in perspective and it widens horizons.

Accredited qualifications

Grade 12s are registered with the IEB for the Further Studies Mathematics / Physics / Chemistry final examination, which occurs in October before the commencement of the Senior Certificate examination. A Further Studies certificate improves the chances of university admission as it gives a testament to an aspiring student's independence, self-organisation and problem-solving skills.

AdMaths / AdPhysics / AdChemistry

Our company is the original and largest Further Studies service provider in South Africa and we have become a household name over the years since 2005. "AdMaths" is also the name of our unique umbrella offering of Further Studies Mathematics in South Africa. AdPhysics and AdChemistry are, respectively, our Further Studies Physics and Further Studies Chemistry offerings.

If a learner does AdMaths he/she does Further Studies Mathematics through AdMaths (Pty) Ltd and writes his/her internal exams with us up to the Trial Exam.

AdMaths (Grade 9, 10 and 11 2025)

"Mathematics Higher Grade" since 2008

Many South African universities give mentioning to "additional mathematics" as highly recommended for tertiary studies. 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. Further Studies Mathematics is nearly indispensable for fields like Engineering, B.Sc., B.Comm. and Actuarial Science. The subject ideally bridges the gap between matric and university. First-years are lost if they have not been exposed at school to a topic like absolute values. Universities do not necessarily adjust to changing school curriculums.

Entry points

The smooth entry points for AdMaths are Grade 9 and Grade 10. We prewarn that we teach an advanced subject and that the earlier a learner joins, the quicker he/she becomes accustomed to a higher level of thinking. However, a learner starting in Grade 10 does not have a substantial deficit with respect to content. We even allow learners to start in Grade 11, but there is extra cost involved to catch up the Grade 10 work. We also offer Grade 8 AdMaths and AdMaths Junior (primary school) for younger siblings who want to start preparing themselves for what lies ahead.

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Which mathematics topics are taught?

The normal, scheduled contents cover Algebra, Calculus and Matrices. Furthermore, optional exposure is offered in Graph Theory, Financial Mathematics, Modelling and Statistics. We also teach topics that are not included in Further Studies Mathematics but that add value at university. In Grade 9 we cover Computer Number Systems like binary, octal and hexadecimal.

Are there in-person contact sessions?

For information on your closest centre visit www.admaths.co.za >> *PARTICIPATING SCHOOLS*. The classes (*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.

Study material and assessment

AdMaths' Further Studies Mathematics study material is the best 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. Clients on all packages 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.

What is the difference between the packages?

Bronze (self-study) learners have no live classes. They view the videos in their own time.

Silver = *Bronze* + live, weekly webinars in the *Zoom* portal. If the learner misses a webinar, the video on the profile may be viewed. This is also ideal for revision.

Gold = *Bronze* + live, weekly in-person classes presented by a facilitator in our service.

Hard copies

Many learners utilise their devices to view the electronic study material or they download the PDFs and print it themselves. Clients interested in our printed textbooks of the study material become *Retail* clients too. There are three order rounds per year at www.admathsretail.co.za, in sync with the electronic access. Unfortunately, the full year's textbooks cannot be obtained once-off at the beginning of the year. For the textbooks of each Grade (9-12), *Study Material* and *Solutions* are separate books per round.

Diamond (VIP package)

Diamond = *Bronze* + webinar (*Silver*) + class (*Gold*) + textbooks which are delivered three times per year as part of the package at no additional cost. *Diamond* clients sometimes use *Retail* for other products, but not for textbooks. *Diamond* clients have little administration throughout the year.

Registration and payment structure

All first-time participants pay a registration fee of **R510**. We send an invoice with banking details and a due date of latest **Friday 6 December 2024**.

Find included a page with the monthly instalment per package.

The yearly fee on (e.g.) the *Gold* package (in-person class access, textbooks excluded) is R6972, which is the sum of 12 payments of R581 each from 1 January to 1 December 2025.

Apply at www.admaths.co.za >> *APPLY* by the latest **Monday 2 December 2024.**

The course commences once the study material is made available on 15 December 2024, although the live schedule only starts in the week of 23-27 January 2025.

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 R200 payable to extend the contract for another year.

AdPhysics (Grade 10 Term 3 2025 / Grade 11 2025)

The purpose of Further Studies Physics is to provide learners who have significant enthusiasm and interest in the physics component of Physical Sciences, with the opportunity to increase their knowledge, skills, understanding and problem-solving abilities.

The entry points for AdPhysics are middle-Grade 10 and Grade 11. Webinars (*Momentum*) occur once per week in term time and are 1½ hours in duration.

Topics include Mechanics (Projectile Motion, Uniform Circular Motion, Gravitational Fields, Orbits and Satellites, Torque, Static Equilibrium), Electrical Circuits and Fields, Magnetism, Electromechanics, Thermal Physics, Nuclear Physics and Oscillations (Periodic Motion, Harmonic Motion).

Grade 11s of 2025 must apply at www.admaths.co.za >> *APPLY* by the latest **Monday 2 December 2024.** (Grade 10s of 2025 by the latest **30 June 2025.**)

AdChemistry (Grade 10 Term 3 2025)

The entry point for AdChemistry is mid-Grade 10. Only current Grade 9s (matrics of 2027) may apply. Webinars occur once per week in term time and are 1½ hours in duration. Topics include Physical Chemistry, Inorganic Chemistry, Organic Chemistry and Practical Chemistry.

Grade 10s of 2025 must apply at www.admaths.co.za >> *APPLY* by the latest **30 June 2025.**

AdAccounting (Grade 10 Term 3 2025)

AdAccounting is our own initiative to promote enrichment in Accounting. Webinars (*Equity*) occur once per week in term time and are 1½ hours in duration. Topics include Profitability, Annuities, Assets, Liabilities, Financial Statements, Reconciliations and Tax.

Grade 10s of 2025 must apply at www.admaths.co.za >> *APPLY* by the latest **30 June 2025.**

We look forward to your enrolment for one or more of these subjects and to make a valuable investment in your child's life.

Kind regards



Jean Nico de Villiers
Principal

CURRICULUM PACKAGES 2025

Grade 8 - 12

IEB Further Studies Maths

adMaths
Have the edge at university

DIAMOND (VIP)

R832 pm per student

GOLD (CLASSES)

R581 pm per student

SILVER (WEBINARS)

R456 pm per student

BRONZE (SELF-STUDY)

R382 pm per student

*see bottom-right for package descriptions

Grade 10 - 12

IEB Further Studies Physics

adPhysics
Have the edge at university

LIGHTYEAR (VIP)

R707 pm per student

PARSEC (CLASSES)

(Selected centres only)

R581 pm per student

MOMENTUM (WEBINARS)

R456 pm per student

FORCE (SELF-STUDY)

R382 pm per student

*see bottom-right for package descriptions

Grade 10 & 11

adAccounting
Have the edge at university

INVESTMENT (VIP)

R707 pm per student

EQUITY (WEBINARS)

R456 pm per student

ASSETS (SELF-STUDY)

R382 pm per student

*see below for package descriptions

Grade 10

IEB Further Studies Chemistry

adChemistry
Have the edge at university

MOLECULE (VIP)

R707 pm per student

ATOM (WEBINARS)

R456 pm per student

NUCLEON (SELF-STUDY)

R382 pm per student

*see bottom-right for package descriptions

adAssist
Adding value

CAPS CURRICULUM ASSISTANCE

Grade 9 - Afrikaans
Grade 10 - Afrikaans & English

Please contact the office for this option

Visit our website at www.admaths.co.za to

APPLY NOW!!

VIP PACKAGES INCLUDE

- ✓ Weekly scheduled in-person and/or online class
- ✓ Online access to study material and pre-recorded video lectures
- ✓ Hard copies of the study material are delivered
- ✓ VIP gift

CLASS PACKAGES INCLUDE

- ✓ Weekly scheduled in-person class
- ✓ Online access to study material and pre-recorded video lectures
- ✓ Hard copies of the study material may be ordered

WEBINAR PACKAGES INCLUDE

- ✓ Weekly scheduled online class
- ✓ Online access to study material and pre-recorded video lectures
- ✓ Hard copies of the study material may be ordered

SELF-STUDY PACKAGES INCLUDE

- ✓ No contact time, just self-study
- ✓ Online access to study material and pre-recorded video lectures
- ✓ Hard copies of the study material may be ordered

adMaths
Have the edge at university

Tel: 021 981 0595
Email: system@admaths.co.za
www.admaths.co.za

*Terms & conditions apply. The course fee is divided into monthly instalments. Classes are still to the discretion of the principal depending on how many students enroll for a class.