



# EDENVALE HIGH SCHOOL

FROM GOOD TO GREAT

Issue No. 4 ~ 7 March 2025

## NEWSLETTER

### Why should we teach Coding and Robotics in South African Schools?

Coding and Robotics has become vital in preparing our children for the ever advancing technological landscape of our world. A sound knowledge in these subjects will result in a foundation for problem solving, critical thinking and creativity in the digital age.

With the introduction of these subjects, it is noted that there is a concerted effort to shift the educational paradigm to a curriculum that is more focused on 21<sup>st</sup> century skills.

This initiative also aims to bridge the digital divide and create inclusivity by ensuring that all learners, irrespective of their socio economic status, has access to these fields. It also prepares our country where digital literacy will be almost as fundamental as traditional literacy.

Robotics serves as an excellent medium to create a culture of creativity among learners; it allows them to express themselves in a tangible manner and see the result of “out the box” thinking.

Coding allows learners to see and experience the “back end” of how computers actually work. Here at EHS we are fortunate to have IT as a subject where learners are trained in this field using Delphi as their programming language. They are also exposed to the different numbers systems utilized and how they are converted in computer information technology.

Because Robotics, as a fully-fledged subject, is still in its implementation stage, the Department of Basic Education is still ironing out a few teething problems and the subject is currently only piloted in some primary schools. To avoid missing out on the trend, Edenvale High offers Robotics as an extra mural. Every Monday and Friday afternoon learners can take a journey where they can see, for example, how a simple light switch can be automated.

As stated by Nelson Mandela, “Education is the most powerful weapon which you can use to change the world”.

I encourage you, as parents, to incite a tolerance for change in your children and advise them that although there is a marked importance on their 7 mandatory subjects, they should definitely broaden their horizons in the field of Coding and Robotics.

Mrs K Boggenpoel



## Important dates



- Monday 10 March: Monologues – 18:00
- Tuesday 11 March: Interhouse cross country 14:10
- Friday 14 March: Open Day 16:00 – 18:30
- Wednesday 19 March: Individual Photographs. Full school uniform to be worn, no tracksuits, no Matric jackets
- Friday 28 March: Mathematics / Mathematical Literacy assessment Grade 8 – 12. This is a compulsory assessment. If a learner is absent, he or she needs to produce a doctor's letter; otherwise zero will be given.
- Friday 28 March: Reports will be sent by email
- Tuesday 8 April: Term 2 begins
- Tuesday 15 April: Parent's evening Gr 8 – 12: 16:00 – 18:45. This is an opportunity for parents to meet their child's teacher for a brief interaction (max 5 minutes).. Please do not arrive after 18:45. Please be considerate of the staff's time as they would also like to get home to their families at a reasonable hour.



### ATTENTION PARENTS

One of the school's projects is to feed the sterilised feral cats that live on the school property. We would appreciate any donations of tinned or dry food.

Donations may be handed in at the front office. All contributions are gratefully accepted.





**To The Top**

# Tutors @ Your Service

*Professional Tutors on Your Doorstep or Online*

## Our Services

- ✔ **In-person** and online extra lessons from grade R to Matric
- ✔ Online **MATRIC NBT** prep session in April 2025
- ✔ Online **MATRIC BOOST** sessions in August 2025 covering:
  - Maths
  - English
  - Afrikaans; and
  - Physical Science
- ✔ Homework supervision
- ✔ Homeschooling

## Contact us

Mandy 082 217 2077  
Theresa [smp@icon.co.za](mailto:smp@icon.co.za)



# Wen jou Wetenskap en Wiskunde

**Graad 10 tot Graad 12 Wiskunde:**

- Vraestelle met Memo's @ R130
- Nifty Notas @ R130


**Graad 10 tot Graad 12 Wetenskap:**

- Nifty Notas @ R130
- Flashy Flitskaarte @ R70
- Vraestelle met memo's @ R130

**Vat die volledige Wiskunde Pakket vir slegs R240**

**Vat die volledige Wetenskap Pakket vir slegs R300**

*Afleweringkoste @ R120*



# Win your Science and Maths

**Grade 10 to Grade 12 Maths:**

- \* Tricky Exam Papers with Answer Sheets @ R130

**Grade 11 to Grade 12 Science pack:**

- \* Snazzy Summaries @ R130
- \* Flashy Flashcards @ R70
- \* Tricky Exam Papers with Answer Sheets @ R130

*Courier Costs @ R120*

**All the Science goodies @ R300**

<https://wenwetenskap.co.za>  
**Helena - 0845103373**  
[hverwey@absamail.co.za](mailto:hverwey@absamail.co.za)





\*\*The school accepts outside advertisements. We are unable to take responsibility for the nature of the services offered.

## ORTHODONTIST

**Dr Lionel Milstein BDS MSCDENT ORTHODONTICS (WITS)**

**Adult and Adolescent Braces**

**Porcelain / Clear Braces available**

**Discovery Medical Aid rates charged.**

**011 454 6264 / 0834009542**

**MATHS TUITION**  
— SUE —  
**074 180 2097**  
sue@confidentteens.co.za    www.confidentteens.co.za

- Maths Core offered for **Grades 8,9,10,11 & 12**
- Cost: **R370** for 2 hours
- Lessons on Saturdays and Sundays
- Qualifications: BA (Honours), UHDE (University Higher Diploma in Education)
- Over 20 years experience
- **Sue: 074 180 2097 / [sue@confidentteens.co.za](mailto:sue@confidentteens.co.za)**

