TCR e-learning registration form
Send both pages back to trophyrobotics@gmail.com
1st class starts on May 4th 2020

Details of family					
Name and surname of child		School		Grade	
Name and surname of parent		Cell number		Email address	

Referral details (only complete if you are a new customer)			
Referred by?		*Referral's contact details*	

Choose a curriculum to do online (mark with an 'x' in last column) **(registration link will be sent to the above email address)**		
Kine-khodi on Excel	(GrR-Gr3) Walk Talk Build and Show the Code – Coding with stories, memory games and puzzles Previously you needed our magnetic coding puzzles. We have changed it to work with printable cardstock or directly on Microsoft Excel – adult supervision needed. See samples here https://www.youtube.com/watch?v=07nQFAGst9w&feature=youtu.be	
Scratch 3.0	(Gr3-7) Create your own interactive stories, games, and animation	
Micro:bit introduction	(Gr4-9) Get creative, get connected, get coding! The pocket-sized computer transforming the world	
ML CAD	(Gr4-9) A virtual modelling program designed for use with LEGO parts. Design your own LEGO creations and building plans	
Physics simulations	(Gr4-9) Learn how to build strong bridges, work out gear ratios and lots of other physics while playing with online simulations.	
Computer Juniors	(G1-3) With adult supervision (spelling and themes while learning Powerpoint) (Afrikaans or English) own pace	
Computers Seniors	(Gr4-adults) MS Office – Powerpoint templates, animations, Excel and Word processing	

The next courses only if you have the correct sets available **(I have 2 of each if somebody wants to buy – must be collected from Vanderbijlpark)**		
LEGO mechanics	You need the 9686 LEGO mechanics set	
LEGO We-Do	You need the 45300 EV3 set	
LEGO EV3	You need the 45544 EV3 set	

Payment methods and schedules on the next page

I, _____, hereby agrees that I will not share any of the downloaded lessons with a 3rd party and I understand that my membership to the TCR e-learning will be cancelled the moment that I fail to pay.
I also understand that I will need a computer and internet and that my (Gr4-9) child is comfortable in the use of the computer.

Signed _____ Date _____

Proposed timetable:

1. Choose 1 session per chosen subject per week. That session will be allocated to you for the duration of the course. Session hopping is not allowed. It works just like a timetable at school, eg. You will have maths on Mondays @ 9am for the duration of the term/year.
2. Discount will be given if you choose more than 1 subject
3. There are 10-12 lessons scheduled per course.
4. A session = 45 minute
5. Max of 10 learners per class
6. Classes start on 4 May 2020.

	9:00	10:00	11:00	14:00	15:00
Monday (English)	Kine-khodi on Excel (parental info for new customers)	Micro:bit introduction	Scratch 3.0	ML CAD	Computers Seniors
Tuesday (Afrikaans)	Computers Seniors	ML CAD	Physics simulations	Scratch 3.0	Micro:bit introduction
Wednesday (English)	Scratch 3.0	Physics simulations	Computers Seniors	Micro:bit introduction	ML CAD
Thursday (Afrikaans)	Kine-khodi on Excel (parental info for new customers)	Scratch 3.0	ML CAD	Computers Seniors	Micro:bit introduction
Friday	??	??	??	??	??

	Fee structures – a course runs for 12 lessons – revision and/or test included		
	Tick the chosen payment method. Invoices will be send to the registered email address		
1	R230 Monthly (x 3 months/course)	On the 1st of each month	
2	Referrals	Anybody that refers new people can get 10% of their referred customer's fee debited to their own account (up to 3 months) as long as the new customer is registered and paid in full.	
3	Combination packages (see price or nr 1 above)	1st course – full price 2nd course = less 25% of full price 3rd course = less 50% of full price 4th course = less 25% of full price	R690 R515 R345 R515

If a class has already started you can catch up on missed lessons in your own time and fill in where we are at that given time or you can wait for the next available new class

COMPUTER CLASSES GR1-3

Computer aided school work while learning to work on Powerpoint

- ✓ Keyboard skills
- ✓ Phonics (more than 20 lessons)
- ✓ Themes (6 themes)
- ✓ Afrikaans or English
- ✓ Change colours, type, copy etc while doing school activities

Kine Khodi

KINESTHETIC   **CODING**

GRR-3

LEARN TO CODE THE EASY WAY

Print and cut out the codes
Or
Do the coding on MS Excel

READ AND CODE THE STORY.

Coding MADE EASY

GR3-9

In this course we will be looking at the following:

- ❖ Introduction to Scratch
- ❖ Sprites and backdrops
- ❖ Text animation
- ❖ Keyboard movement
- ❖ Changing colours
- ❖ Undersea rescue
- ❖ Jumping and flying
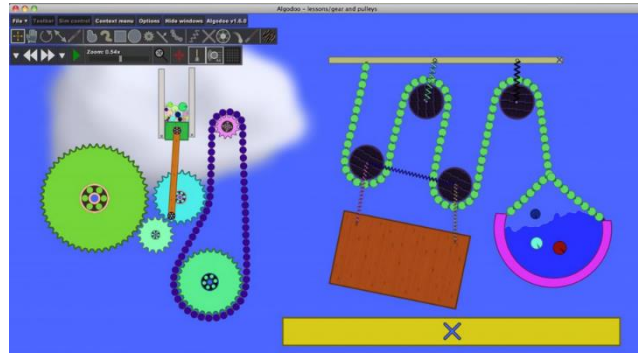- ❖ Mazes
- ❖ Googly eyes
- ❖ Games

SCRATCH

forever
imagine
program
share

Physics simulations

In this course we will be looking at the following:

➢ Basic engineering fun
➢ Bridge designing
➢ Physics sandbox
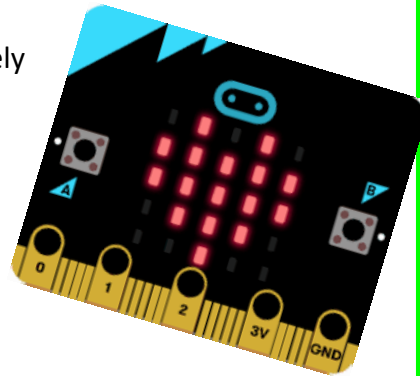➢ Mechanical simulations
➢ Electronic circuits

---

micro:bit

In this course we will be looking at the following:
➢ What is the micro:bit
➢ How to protect your micro:bit and use it safely
➢ Doing simple animations
➢ Using the micro:bit compass
➢ Using the Accelerometer
➢ Communication between micro:bit
➢ Coding simple games and do game scoring.
➢ A More interesting Game
➢ A little bit more advance game coding
➢ Writing your own game as a final challenge

Learn how to draw/design a
LEGO model on the computer
and change it into building plans