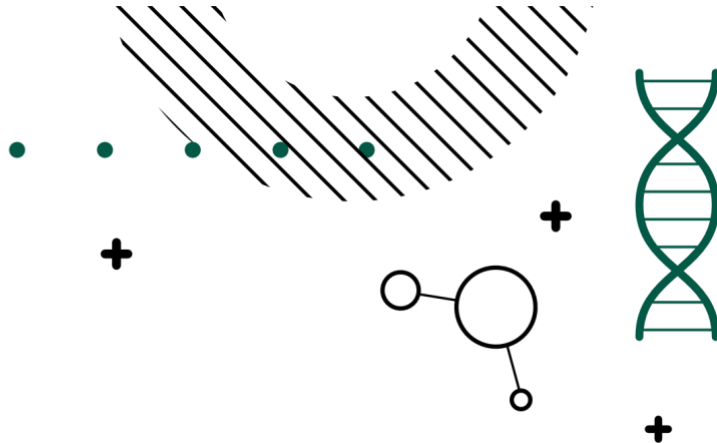




**Juffrou Karen**



**Dear Parent and Learner**

**March 2025**

Thank you very much for the inquiry. I offer Physical Sciences extra classes for grade 10-12 learners. My lessons take the form of workshops during which the focus is on problem-solving and problem-solving approaches. It is the responsibility of each learner to ensure that homework or preparation is done prior to each lesson to ensure that they benefit from the lessons.

All online lessons (Package 2) are presented in **English** and in **groups**. Topics are covered according to the **pre-set program**, based on the Department of Basic Education's annual teaching plan. The programme is available on request and is also available on the website. No lessons and topics are repeated during a term.

There are THREE options for extra-class:

**Package 1:** Video lessons (Grades 10-12)

**Package 2:** Online via Zoom (Grade 12 ONLY)

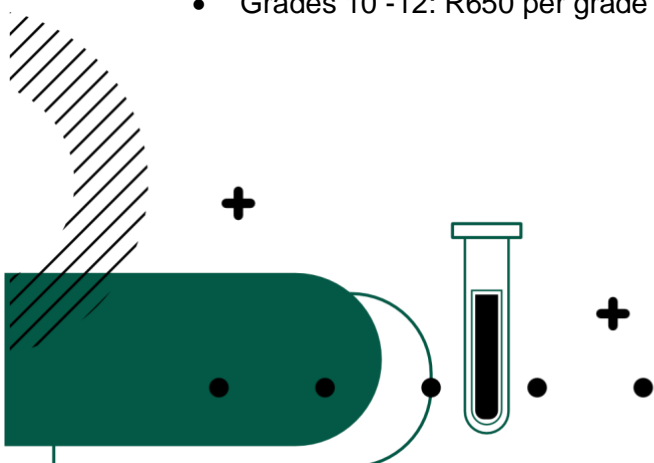
**Package 3:** One-on-one consultations (Online)


### **PACKAGE 1: VIDEO lessons**


These lessons are ideal for learners who have very busy schedules and can't necessarily fit in extra classes as well. Learners can work through the video lessons on their own time and even use the recordings for revision.

The **quarterly rates (per term)** for the respective grades are as follows:

- Grades 10 -12: R650 per grade



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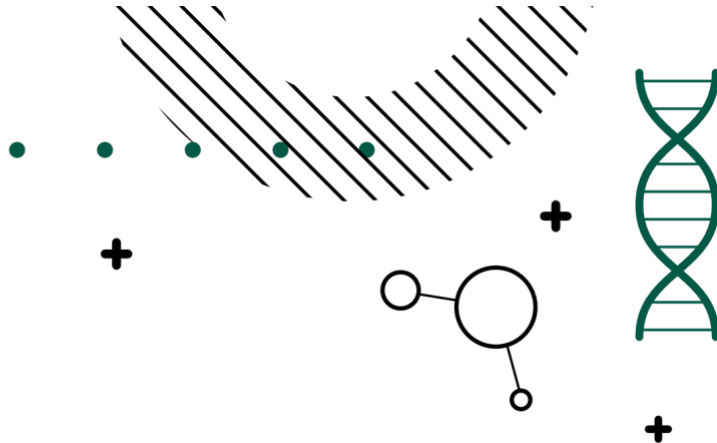
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**Juffrou Karen**



### **PACKAGE 2: ONLINE via Zoom**

This package is ideal for grade 12 learners who wish to participate actively in live lessons and ask questions. All lessons are recorded and made available on the website.

Lessons take place **according to the pre-set program**. During lessons, questions are worked out per topic. Lessons are 50 minutes long. If a learner misses a class, the lesson can be caught up via that week's video lesson. The weekly video lessons form part of the package.

The **quarterly rates (per term)** for grade 12 is as follows:

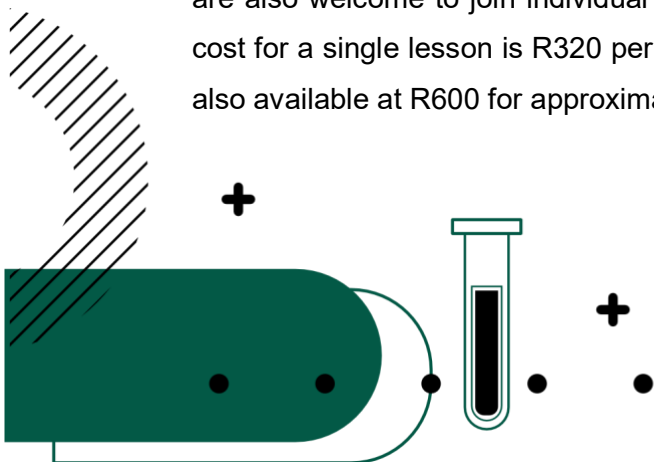
- Grade 12: R1800

### **PACKAGE 3: ONE-ON-ONE (Online via Zoom)**


Consultations are ideal for learners who only need one or two one-on-one classes to master specific concepts. These lessons work well for learners who know exactly what topics they want to pay attention to. There are limited one-on-one consultation openings available. Contact Mrs Venter directly for the updated program because these openings are filled quickly. The cost for one-on-one consultations for term 2-3 is R320 per consultation. Consultations are approximately 50 minutes long and takes place online. Consultations are payable before the class takes place.

**Note:** Consultations are **not tutor classes**. A single learner cannot book a consultation slot for the entire term in advance. Consultations should be booked weekly based on the availability of openings. The availability of these slots is determined weekly.

Learners who have **already matriculated** and would like to **rewrite their Physical Sciences** are also welcome to join individual lessons that will be offered to them in the morning. The cost for a single lesson is R320 per lesson of approximately 50 minutes. Double lessons are also available at R600 for approximately 110 minutes.



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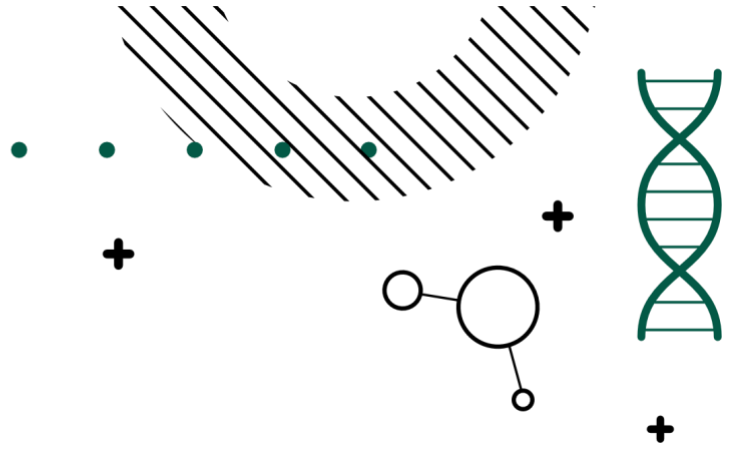
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**Juffrou Karen**



All packages will be available on the website from April 2025. Registration and purchase of the desired package needs to be completed on the website. Once the payment has been received learners will have access to the videos as well as the Zoom links to the live grade 12 classes.

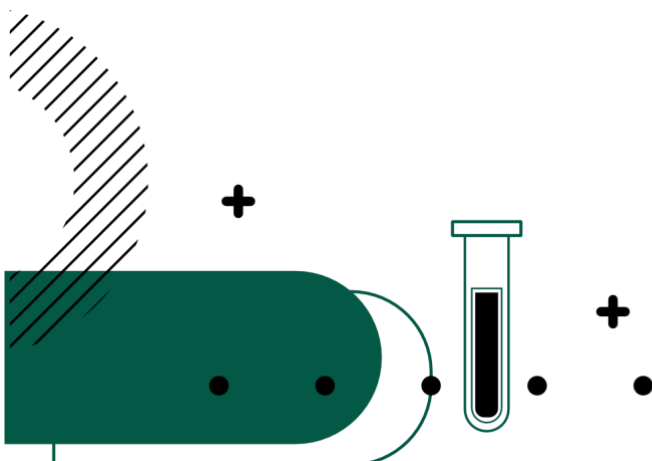
**All video recordings and materials remain the property of "JUFFROU KAREN" and are protected by copyright.**

If you are interested in extra classes, contact Mrs Karen Venter for further information or please visit the website.


Kind regards

JUFFROU KAREN

076 717 0653



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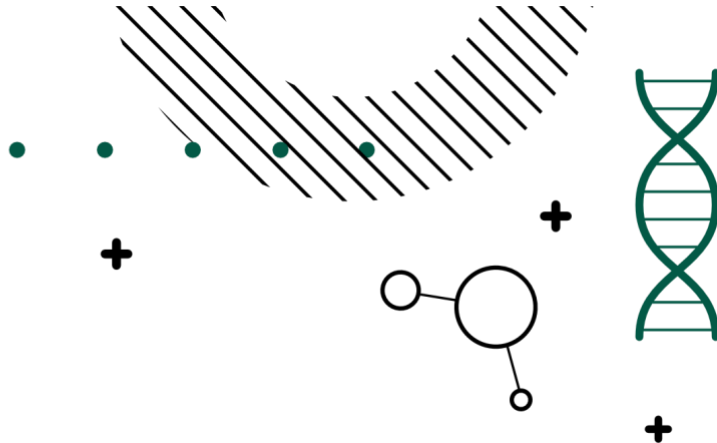
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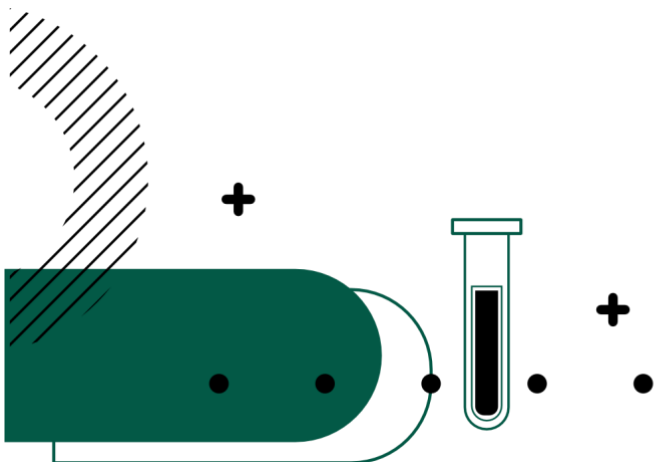


2025 PROGRAM

**PACKAGE 1: Videos**

GRADE 10 – Term 2	
Lesson	Topic
1	Electric circuits
2	States of matter
3	Kinetic molecular theory
4	The atom
5	Periodic table: Part 1
6	Periodic table: Part 2 (Periodicity)
7	Chemical bonding: Part 1
8	Chemical bonding: Part 2 (Lewis diagrams)
9	Representing chemical change
10	Physical and chemical change
11	Quantitative aspects of chemical change: Introduction
12	Quantitative aspects of chemical change: Basic calculations

GRADE 11 – Term 2	
Lesson	Topic
1	Electromagnetism
2	Electric circuits: Revision
3	Electric circuits: Part 1
4	Electric circuits: Part 2 (Internal resistance and emf)
5	Electric circuits: Part 3 (Application)
6	Atomic combinations: Part 1 (Bonds, Lewis diagrams)
7	Atomic combinations: Part 2 (Molecular shapes)
8	Atomic combinations: Part 3 (Polarity)
9	Intermolecular forces: Part 1 (Theory)
10	Intermolecular forces: Part 2 (Application)



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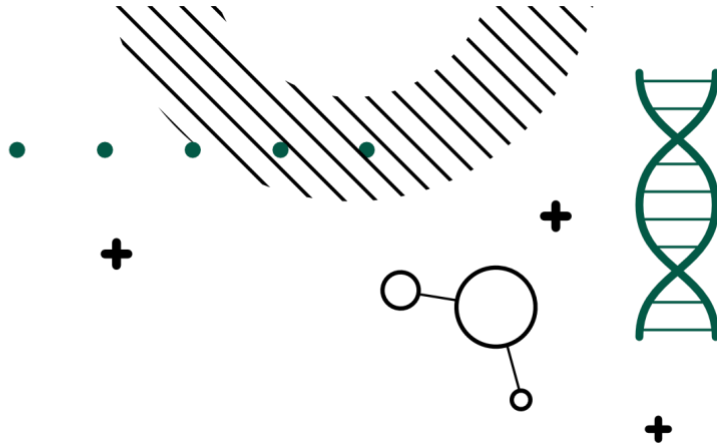
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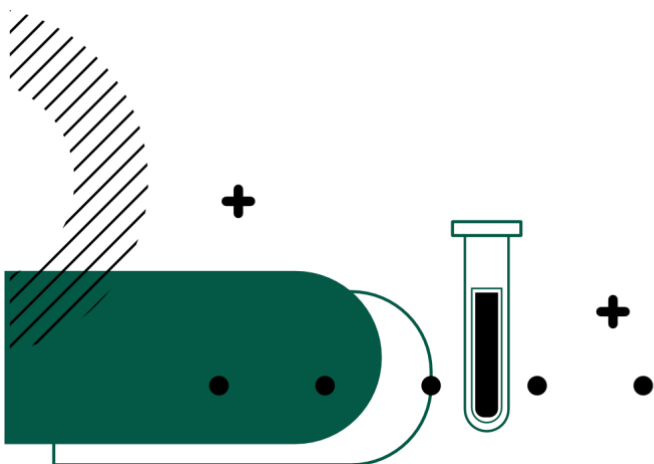
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GRADE 12 – Term 2	
Lesson	Topic
1	Work, energy and power: Part 1
2	Work, energy and power: Part 2 (Application)
3	Doppler effect
4	Rate and extent of reaction: Part 1
5	Rate and extent of reaction: Part 2 (Application)
6	Chemical equilibrium: Part 1
7	Chemical equilibrium: Part 2
8	Acids and bases: Part 1 (Revision)
9	Acids and bases: Part 2 (Theory)
10	Acids and bases: Part 3 (Application)

**PACKAGE 2: Online lessons via Zoom**

GRADE 12 – TERM 2		
TIME	DATE	LESSON
Fridays 15:10 – 16:00	11 April	L1: Work, energy and power: Part 1
	18 April Video	L2: Work, energy and power: Part 2 (Application)
	25 April Video	L3: Doppler effect
	02 May Video	L4: Rate and extent of reaction
	09 May	L5: Chemical equilibrium: Part 1
	16 May	L6: Chemical equilibrium: Part 2
	23 May	L7: Acids and bases: Part 1
	30 May	L8: Acids and bases: Part 2



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