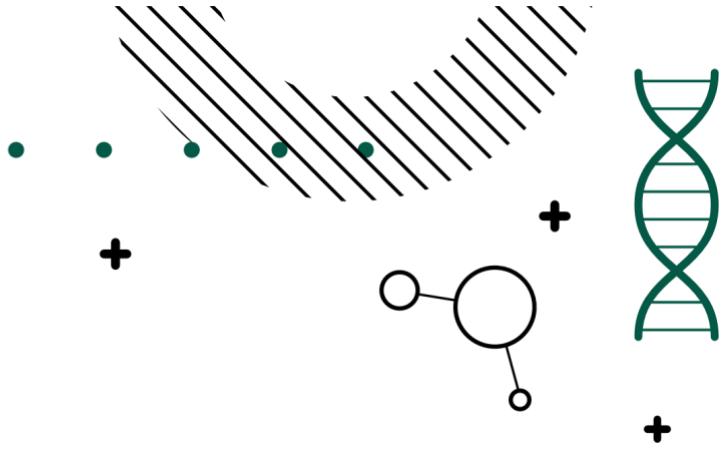




Juffrou Karen



Dear Parent/ Learner

January 2026

Prosperity for 2026! 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. Learners are given the opportunity to ask questions and actively participate in problem-solving during in-person lessons. It is the responsibility of each learner to do homework and/or preparation carefully and thus to be prepared for lessons.

It is learners' responsibility to ensure that they stay up to date with learning definitions and that they know the symbols (e.g. **a** stands for **acceleration**) of physical quantities, as well as the appropriate units. Without this basic knowledge, learners will struggle to choose the correct formulas and apply them correctly.

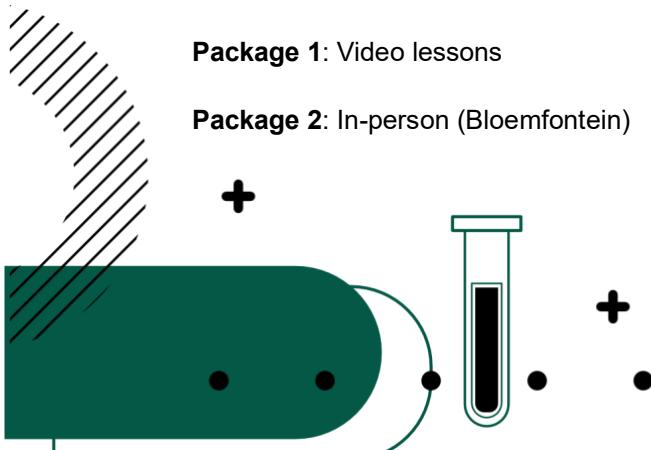
Extra classes support work covered in class at school and aim to help learners better understand topics and sharpen skills to apply theory to solve problems. Physical Sciences has a strong theoretical component that learners must learn, know and understand. In addition, learners should be able to use the knowledge to analyse given problems and find solutions to them step by step. It is mostly with problem solving where learners get stuck and it is precisely in this regard that we aim to help learners by teaching skills and sharpening them to approach and solve the problems correctly.

All in-person (Package 2) lessons are offered in **groups**. Topics are covered according to the **pre-established program**, based on the Department of Basic Education's annual teaching plan. The program has been subjected to change as determined by Juffrou Karen. The program is attached and is also available on the website. **No lessons and topics are repeated during a term**. Video recordings can be used to catch up on missed lessons and also for review purposes.

All rates per term are payable in advance, unless otherwise agreed with Juffrou Karen. There are **THREE** options for extra-class:

Package 1: Video lessons

Package 2: In-person (Bloemfontein)



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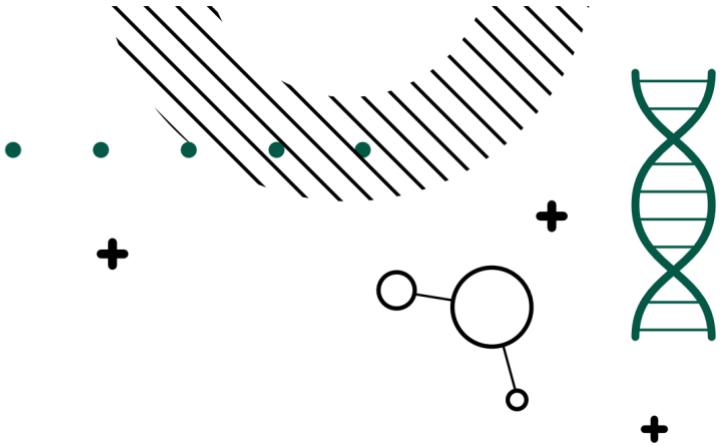
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 Juffrou Karen Fisiese Wetenskappe Ekstra Klasse



Juffrou Karen



Package 3: One-on-one consultations (Online or in-person in Bloemfontein; ONLY during exams in term 2 and 4)

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.

Learners who have already matriculated and would like to rewrite their Physical Sciences can purchase the video lessons from the previous year for term 1-4 if they wish. The lessons cover the entire matric syllabus.

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

- Grade 10 -12: R750 per term

PACKAGE 2: IN-PERSON in Bloemfontein

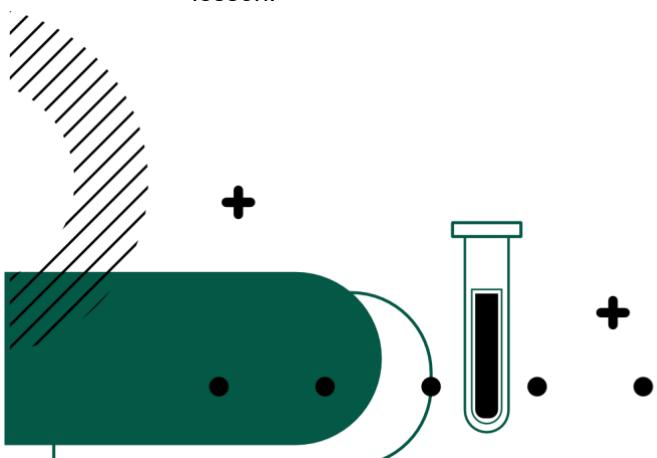
In-person lessons take place in **groups** (maximum 8 learners) at 31 Rose avenue, Bloemfontein for grade 10 learners. Lessons take place **according to the pre-set program**. During lessons, questions are worked out per topic according to the program. Lessons are 50 minutes long. If a learner misses a class, the lesson can be picked up via that week's video lesson. Lessons that are missed CANNOT be exchanged for one-on-one lessons. The weekly video lessons form part of the package.

Grade 11 and 12 lessons will take place ONLINE via Zoom.

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

- Grade 10-12: R2250 per term

NOTE: Learners attending in-person lessons must also complete the anti-bullying form before the first lesson.



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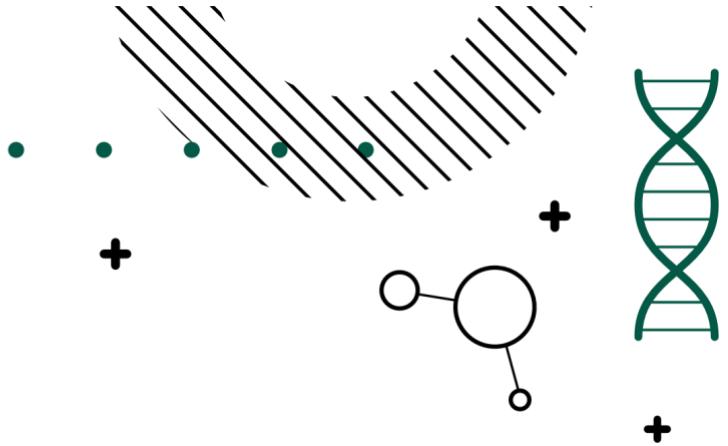
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PACKAGE 3: ONE-ON-ONE (Online via Zoom or in-person in Bloemfontein)

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. **This package is only available during the exam in term 2 and term 4.** There are limited one-on-one consultation openings available. Contact Juffrou Karen directly for the updated program because these openings are filled quickly. The cost for one-on-one consultations is R380 per consultation. Consultations are approximately 50 minutes long and can take place online or in-person. Consultations are payable before the class takes place.

Note: Consultations are not tutor classes. This option only works well for learners who have already mastered the basic concepts and want to focus on specific problem areas. An entire term's worth of Physical Sciences can NOT be captured during one or two consultations.

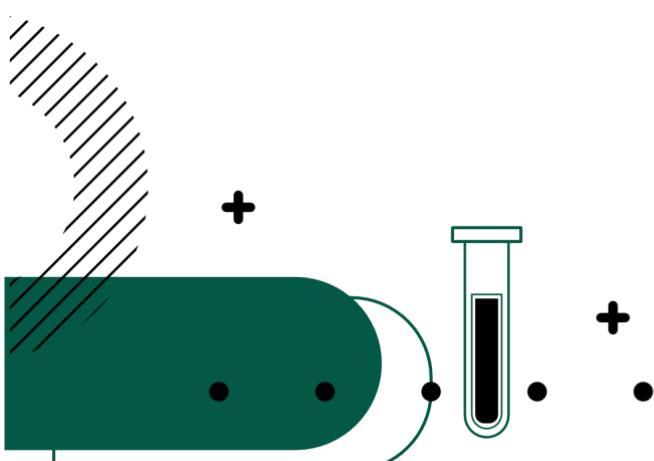
Registration and purchase of package 1 must be completed on the website. Once the payment is received, learners will have access to the videos. Packages 2 and 3 are booked directly with Juffrou Karen. Learners who book package 2 will receive a coupon with which the videos must be purchased for the specific term.

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

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

Kind regards,

Juffrou Karen

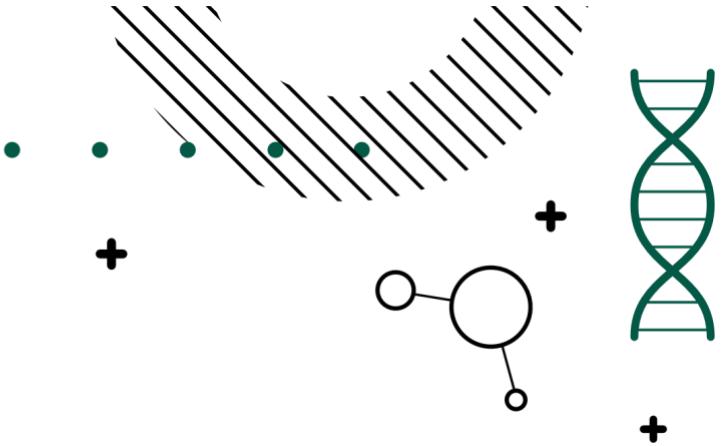


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2026 PROGRAMME

PACKAGE 1: Videos

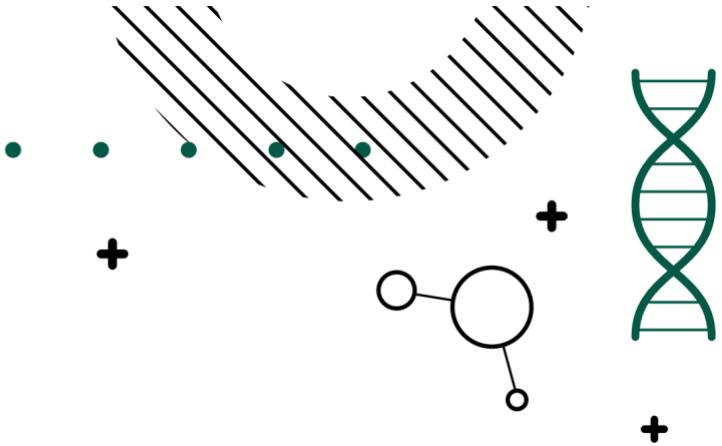
GRADE 10 – Term 1	
Lesson	Topic
1	Transverse pulses
2	Transverse waves
3	Longitudinal waves and sound
4	EM-radiation
5	Practical investigation: Waves
6	Elektrostatics
7	Electric circuits (Introduction)

GRADE 11 – Term 1	
Lesson	Topic
1	Vectors (Grade 10 revision)
2	Vectors (Scale drawings)
3	Practical investigation: Vectors (Equilibrium)
4	Force and free body diagrams
5	Newton's Laws
6	Universal Law of Gravitation
7	Electrostatics

GRADE 12 – Term 1	
Lesson	Topic
1	Momentum
2	Momentum and Impulse
3	Vertical projectile motion
4	Organic molecules (Introduction)
5	Organic molecules (Naming)
6	Organic molecules (Isomers)
7	Organic molecules (Physical properties)
8	Organic molecules (Reactions)



Juffrou Karen



PACKAGE 2: In-person

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
14:10-15:00	Grade 10 (Eng) (JK)	Graad 11 (Afr) (JK)	Graad 10 (Afr) (JK)	Graad 12 (Afr) (JK)
15:10-16:00	Grade 11 (Eng) ONLINE (JK)	Graad 11 (Afr) (JK)	Graad 10 (Afr) (JK)	
18:10-19:00			Graad 12 (Afr) (JM)	Graad 11 (Afr) (JM)
19:10-20:00		Grade 12 (Eng) ONLINE (JM)		

*JK – Juffrou Karen

*JM – Juffrou Marlene

GRADE 10 – Term 1

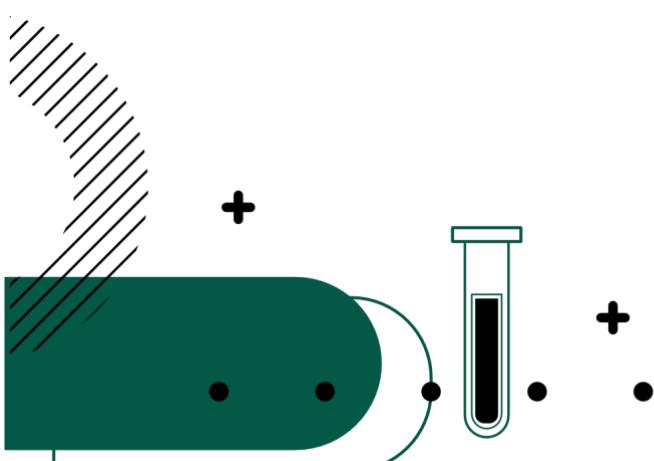
WEEK	Topic
1 (19 Jan)	Transverse pulses
2 (26 Jan)	Transverse waves
3 (02 Feb)	Longitudinal waves and sound
4 (09 Feb)	Waves: Application
5 (16 Feb)	EM-radiation
6 (23 Feb)	Electrostatics
7 (02 March)	Electrostatics
8 (09 March)	Electric circuits (Introduction)
9 (16 March)	Electric circuits
10 (23 March)	Electric circuits

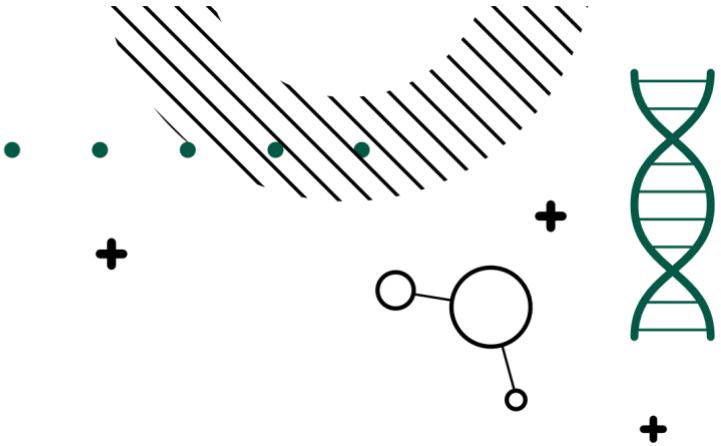
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GRADE 11 – Term 1

WEEK	Topic
1 (xx)	Vectors (Grade 10 revision)
2 (xx)	Vectors (Scale drawings)
3 (xx)	Practical investigation: Vectors (Equilibrium)
4 (xx)	Force and free body diagrams
5 (xx)	Newton's Laws
6 (xx)	Newton's Laws
7 (xx)	Newton's Laws
8 (xx)	Universal Law of Gravitation
9 (xx)	Electrostatics
10 (xx)	Electrostatics

GRADE 12 – Term 1

WEEK	Topic
1 (20 Jan)	Momentum
2 (27 Jan)	Momentum and Impulse
3 (03 Feb)	Vertical projectile motion
4 (10 Feb)	Vertical projectile motion
5 (17 Feb)	Organic molecules (Introduction)
6 (24 Feb)	Organic molecules (Naming)
7 (03 March)	Organic molecules (Isomers)
8 (10 March)	Organic molecules (Physical properties)
9 (17 March)	Organic molecules (Reactions)
10 (24 March)	Organic molecules (Reactions)

