



2026 Grade 11 Physical Sciences ATP

SBA GUIDELINES

Practical work:

- Learners should do TWO experiments (ONE Chemistry, ONE Physics) for SBA.
- Term 1: Newton's 2nd law of motion (F vs a) Term 3: Boyle's law

2026 CUSTOMISED KZN Recovery ATP: Grade 11 – Term 1: PHYSICAL SCIENCES

Week Date Hours available	Knowledge Area (Topic Duration)	Concepts for week	Page in CAPS doc	Date complete d	SMT Member Signature	% Curriculum coverage	
						Per term	Annual
Week 1 14/1 – 16/1 (3 days)	Mechanics: Vectors in two dimensions (2hrs)	REVISION (Gr 10): Vectors and scalars. Representation of vectors <ul style="list-style-type: none"> Define a resultant. Determine the resultant (R) of two vectors by calculation for a maximum of four vectors in 1-dimension. (Revision from Grade 10) Sketch the vertical vector (R_y) and the horizontal vector (R_x) of a 2-dimensional vector on a Cartesian plane. Calculate the magnitude of the resultant of two vectors acting at right angles to each other using the theorem of Pythagoras. Determine the direction of the resultant using simple trigonometric ratios. 	61			9,7%	2,7%
Week 2 19/1 - 23/1 (5 days)	Mechanics: Vectors in two dimensions (4hrs)	<ul style="list-style-type: none"> Resolve a vector R into its horizontal (R_x) and vertical (R_y) components using $R_x = R\cos\theta$ and $R_y = R\sin\theta$ where θ is the angle between R and the x-axis Determine the resultant (R) of two vectors graphically using either the tail-to-head or tail-to-tail method (parallelogram method) as well as by calculation (component method) for a maximum of four vectors in 2 dimensions. Determine the resultant of vectors (maximum four) on a Cartesian plane, using the component method. Explain the meaning of a closed vector diagram. Practical (Informal): Determine the resultant of three coplanar, non-linear force vectors	61			22,6%	6,4%
Week 3 26/1 – 30/1 (5 days)	Mechanics: Vectors in two dimensions (2hrs) Newton's Laws (2hrs)	<ul style="list-style-type: none"> State and apply the triangle law for three forces in equilibrium. Newton's Laws <ul style="list-style-type: none"> Define normal force, N. Define frictional force, f. Know that a frictional force: <ul style="list-style-type: none"> Is proportional to the normal force. Is independent of the area of the surfaces that are in contact with each other. Define static frictional force, f_s Solve problems using $f_s = \mu_s N$ and $f_s^{max} = \mu_s^{max} N$ Define the kinetic frictional force, f_k Solve problems using $f_k = \mu_k N$ 	61			35,5%	10%
Week 4 2/2 – 6/2 (5 days)	Mechanics: Newton's laws (4hrs)	Frictional forces <ul style="list-style-type: none"> Draw force diagrams and free-body diagrams for objects that are in equilibrium or accelerating horizontally, vertically or on an inclined plane Resolve a two-dimensional force, e.g. the weight of an object on an inclined plane, into its parallel ($W_{ }$) and perpendicular (W_{\perp}) components. Determine the resultant/net force of two or more forces. State Newton's first law of motion. Define inertia and state that the mass of an object is a quantitative measure of its inertia. Discuss why it is important to wear seatbelts using Newton's first law of motion. State Newton's second law of motion. In symbols: $F_{net} = ma$ State Newton's third law of motion. Identify Newton III force pairs (action-reaction pairs) and list the properties of the force pairs (action-reaction pairs). 	62 – 63			48,4%	13,6%

<p>Week 5 9/2 – 13/2 (5 days)</p>	<p>Mechanics: Newton's laws (4hrs)</p>	<ul style="list-style-type: none"> Apply Newton's laws of motion to a variety of equilibrium and non-equilibrium problems including: <ul style="list-style-type: none"> A single object: <ul style="list-style-type: none"> Moving in a horizontal plane with or without friction. Moving on an inclined plane with or without friction. Moving in the vertical plane (lifts, rockets, etc.) Two-body systems (joined by light inextensible string): <ul style="list-style-type: none"> Both on a horizontal plane with or without friction. One in a horizontal plane with or without friction, and a second hanging vertically from a string over a frictionless pulley. Both on an inclined plane with or without friction. Both hanging vertically from a string over a frictionless pulley <p>FORMAL PRACTICAL (SBA): Newton's 2nd law of motion</p>	64 – 65		61,3%	17%
<p>Week 6 16/2 – 20/2 (5 days)</p>	<p>Mechanics: Newton's law of universal gravitation (4hrs)</p>	<ul style="list-style-type: none"> State Newton's law of universal gravitation. Solve problems using $F = G \frac{m_1 m_2}{r^2}$ Calculate acceleration due to gravity on Earth using $g = G \frac{ME}{RE^2}$ and on another planet using $g = G \frac{MP}{RP^2}$ where M_P is the mass of the planet and R_P is the radius of the planet. Explain the difference between the terms weight and mass. Calculate weight using the $w = mg$. Calculate the weight of an object on other planets with different values of gravitational acceleration. Explain the term weightlessness INFORMAL TEST (NEWTON'S LAWS) 	66		74,2%	20,9%
<p>Week 7 23/2 – 27/2 (5 days)</p>	<p>ELECTRICITY & MAGNETISM: Electrostatics (4hrs)</p>	<p>REVISION (Gr 10): Positive and negative charges. Electrostatic forces. Conservation of charge. Vectors and scalars</p> <ul style="list-style-type: none"> State Coulomb's law in words and in symbols. Solve problems using: $F = k \frac{Q_1 Q_2}{r^2}$ <ul style="list-style-type: none"> for charges in one dimension (1D) – restrict to three charges. for charges in two dimensions (2D) – for three charges in a right-angled formation (limit to calculation of net forces acting on the charge at the right-angle of the triangle). 	84		87,1%	24,5%
<p>Week 8 2/3 – 6/3 (5 days)</p>	<p>ELECTRICITY & MAGNETISM: Electrostatics (4 hrs)</p>	<p>Electric field</p> <ul style="list-style-type: none"> Describe an electric field as a region in space in which an electric charge experiences a force. Draw electric field patterns for the following configurations: <ul style="list-style-type: none"> A single point charge Two point charges (one negative, one positive, both positive and both negative) A charged sphere (Restrict to charges identical in magnitude.) Define the electric field at a point. ($E = \frac{F}{q}$) Solve problems using the equation: $E = k \frac{Q}{r^2}$ Calculate the electric field at a point due to a number of point charges, using the equation $E = k \frac{Q}{r^2}$ Determine the contribution to the field due to each charge. Restrict to three charges in a straight line. 	85		100%	28,2%
<p>Week 9 9/3 – 13/3 (5 days)</p>		<p>REVISION/CONTROLLED TEST – ONE PAPER (100 marks)</p> <p>Mechanics:</p> <ul style="list-style-type: none"> Vectors in two dimensions, Different kinds of forces, Force diagrams, Free-body diagrams, Newton's First, Second and Third Laws. Newton's Law of Universal Gravitation. <p>Electricity and Magnetism:</p> <p>Electrostatics • Electric charge and charge transfer (grade 10)</p> <ul style="list-style-type: none"> Coulomb's Law, Electric Fields. 				



2026 Grade 11 Physical Sciences ATP

Week 10 & 11 16/3 – 26/3 (9 days)		CONTROLLED TEST CONTINUED					
---	--	---------------------------	--	--	--	--	--

maximum four resistors excluding internal resistance **2026 CUSTOMISED KZN Recovery ATP: Grade 11 – Term 2: PHYSICAL SCIENCES**

Week	Knowledge Area (Topic Duration)	Concepts for week	Page in CAPS doc	Date completed	SMT Member Signature	% Curriculum coverage	
						Per term	Annual
Week 1 8/4 – 10/4 (3 days)	Discussion (3 hrs)	<ul style="list-style-type: none"> Discussion and review of March Controlled Test 				0%	28,2%
Week 2 13/4 – 17/4 (5 days)	ELECTRICITY & MAGNETISM: Electromagnetism (4 hrs)	REVISION (Gr 10): <ul style="list-style-type: none"> Positive & negative charges Electrostatics forces Electric fields Vectors & scalars Magnetic field near a current carrying wire Use the Right Hand Rule to determine the direction of the magnetic field associated with: (i) A straight current carrying wire (ii) A current carrying loop (single) of wire (iii) A solenoid Draw the magnetic field lines around: (i) A straight current carrying wire (ii) A current carrying loop (single) of wire. (iii) A solenoid Discuss qualitatively the environmental impact of overhead electrical cables. Define: The Magnetic flux, ($\phi = BA\cos\theta$, where for a loop of area A in the presence of a uniform magnetic field B, the magnetic flux (ϕ) passing through the loop is $\phi = BA\cos\theta$, where θ is the angle between the magnetic field B and the normal to the loop of area, A) The induced current flows in a direction so as to set up a magnetic field to oppose the change in magnetic flux. State Faraday's Law of electromagnetic induction. Calculate: Induced emf (ϵ) and induced current (I), for situations involving a changing magnetic field, use the equation for Faraday's Law, where $\phi = BA \cos \theta$ is the magnetic flux and $\epsilon = -N \frac{\Delta\phi}{\Delta t}$ is the induced emf. 	86			20%	34,5%
Week 3 20/4 – 24/4 (5 days)	ELECTRICITY & MAGNETISM: Electromagnetism (4hrs)	<ul style="list-style-type: none"> Use words and pictures to describe what happens when a bar magnet is pushed into or pulled out of a solenoid connected to a galvanometer. Use the Right Hand Rule to determine the direction of the induced current in a solenoid when the north or south pole of a magnet is inserted or pulled out. More calculations – Faraday's Law. INFORMAL TEST 	87			31,4%	38,2%
Week 4 28/4 – 30/4 (4 days)	ELECTRICITY & MAGNETISM: Electric circuits (4hrs)	REVISION (Gr 10): Electric circuits: Current, Potential difference, Resistance. <ul style="list-style-type: none"> State Ohm's law in words. Interpret data/graphs on the relationship between current, potential difference and resistance at constant temperature. State the difference between Ohmic and non-Ohmic conductors and give an example of each. Solve problems involving current, voltage and resistance for circuits containing arrangements of resistors in series and in parallel (maximum four resistors excluding internal resistance) Practical (Informal): Ohm's law 				42,9%	41,8%



<p>Week 5 04/5– 08/5 (5 days)</p>	<p>ELECTRICITY & MAGNETISM: Electric circuits (4hrs)</p>	<ul style="list-style-type: none"> Define power. Solve problems using $P = \frac{W}{\Delta t}$ Recall that $W = VQ$ and by substituting $Q = I\Delta t$ and $V = IR$, the following energy transfer equations are obtained: $W = VI\Delta t$ $W = I^2 R\Delta t$ $W = \Delta t \frac{V^2}{R}$ Deduce, by substituting $P = \frac{W}{\Delta t}$ into above equations, the following power equations are obtained: $P = VI$ $P = I^2 R$ $P = \frac{V^2}{R}$ Solve problems using the above energy transfer and power equations for components in a circuit. 	89		54,3%	44,5%
<p>Week 6 11/5 – 15/5 (5 days)</p>	<p>ELECTRICITY & MAGNETISM: Electric circuits (4hrs)</p>	<ul style="list-style-type: none"> Deduce that the kilowatt-hour (kWh) refers to the use of 1 kilowatt of electricity for 1 hour. Know that 1 kWh is an amount of electrical energy known as one unit of electricity. Calculate the cost of electricity usage given the power specifications of the appliances used the duration and the cost of 1 kWh. <p>INFORMAL TEST Explain the term internal resistance.</p> <p>Solve circuit problems using $\varepsilon = IR_{\text{ext}} + Ir$ or $\varepsilon = V_{\text{load}} + V_{\text{lost}}$</p> <ul style="list-style-type: none"> Solve problems, with internal resistance, for circuits containing arrangements of resistors in series and in parallel (maximum four resistors). 	89		65,7%	49,1%
<p>Week 7 18/5 – 22/5 (5 days)</p>	<p>MATTER & MATERIAL: Atomic combinations (4hrs)</p>	<p>REVISION (Gr 10): Chemical bonding, Electron configuration, Writing of formulae</p> <ul style="list-style-type: none"> Define a chemical bond. Draw Lewis dot diagrams of elements. Determine the number of valence electrons in an atom. Explain, in terms of electrostatic forces and in terms of energy, why: <ul style="list-style-type: none"> Two H atoms form an H₂ molecule He does not form He₂ Interpret the graph of potential energy versus the distance between nuclei for two approaching hydrogen atoms. Define: a covalent bond, a molecule Draw Lewis diagrams for simple molecules, e.g. H₂, F₂, H₂O, NH₃, CH₄, HF, OF₂, HOCℓ and molecules with multiple bonds, e.g. N₂, O₂ and HCN. Discuss molecular shapes of H₂ (linear) H₂O (angular), NH₃ (pyramidal), CO₂ (linear), CH₄ (tetrahedral). Describe rules for bond formation. Define a bonding pair and a lone pair. Describe the formation of the dative covalent bond 	67 – 68		77,1%	52,7%
<p>Week 8 25/5 – 29/5 (5 days)</p>	<p>MATTER & MATERIAL: Atomic combinations (4hrs)</p>	<ul style="list-style-type: none"> Define electronegativity. Describe, with examples, a non-polar covalent bond. Describe, with examples, a polar covalent bond. Show polarity of bonds using partial charges, e.g. H^{δ+}-Cl^{δ-}. Compare the polarity of chemical bonds using a table of electronegativities. Explain that the character of a bond varies from non-polar covalent ($\Delta EN = 0$) to polar covalent ($0 < \Delta EN \leq 2,1$) to ionic ($\Delta EN > 2,1$). Use difference in electronegativity and molecular shape to explain that polar bonds do not always lead to polar molecules. Define bond energy and bond length. Explain the relationship between bond energy and bond length. Explain the relationship between the strength of a chemical bond and bond length, size of bonded atoms and number of bonds. <p>INFORMAL TEST</p>	70 – 71		88,6%	56,4%



2026 Grade 11 Physical Sciences ATP

Week 9 01/6 – 05/6 (5 days)	MATTER & MATERIAL: Intermolecular forces (4 hrs)	REVISION (GR 10): Chemical bonding, Writing of formulae, Valency, Periodic table. <ul style="list-style-type: none"> Describe the difference between intermolecular forces and interatomic forces (intramolecular forces) using a diagram of a group of small molecules & in words. Name and explain the different intermolecular forces (Van der Waals forces): <ul style="list-style-type: none"> Mutually induced dipole forces or London forces: <ul style="list-style-type: none"> Dipole-dipole forces Dipole induced dipole forces Hydrogen bonding Ion-dipole forces: Forces between ions and polar Molecules. State the relationship between intermolecular forces and molecular mass. Explain the effect of intermolecular forces on boiling point, melting point, vapour pressure & solubility. 	72 -73			100%	60%
Week 10 08/6 – 12/6 (4 days)	JUNE/MID YEAR EXAM	Revision/June Exams PAPER 1 (100 marks) <ul style="list-style-type: none"> Vectors in two dimensions Newton's laws Electrostatics Electromagnetism Electric circuits 					
Week 11 17/6 – 26/6 (8 days)	JUNE/MID YEAR EXAM	PAPER 2 (50 marks) <ul style="list-style-type: none"> Chemical bonding Lewis diagrams and electron configuration Writing of formulae Molecular shapes Electronegativity Intermolecular forces 					

2026 CUSTOMISED KZN Recovery ATP: Grade 11 – Term 3: PHYSICAL SCIENCES

Week	Knowledge Area (Topic Duration)	Concepts for week	Page in CAPS doc	Date completed	SMT Member Signature	%Curriculum Coverage	
						Per term	Annual
Week 1 21/7 – 24/7 (4 days)	CHEMICAL CHANGE: Quantitative aspects of chemical change (3hrs)	REVISION (Gr 10): Mole concept, Molar mass, Molar vol, Concentration, Writing of formulae and balanced eqns. <ul style="list-style-type: none"> Describe the mole as the SI unit for amount of substance. Define one mole. Describe Avogadro's number, N_A, as the number of particles (atoms, molecules, formula-units) present in one mole. Define molar mass. Calculate the molar mass of a substance given its formula. State Avogadro's Law. Know: molar gas vol, V_m, at STP is $22,4 \text{ dm}^3 \cdot \text{mol}^{-1}$. Do calculations using $n = \frac{m}{M}$, $n = \frac{v}{V_m}$, $n = \frac{\text{no. of particles}}{N_A}$	50 – 53 (Gr 10 work)			20%	66,4%
Week 2 27/7 – 31/7 (5 days)	CHEMICAL CHANGE: Quantitative aspects of chemical change (4hrs)	<ul style="list-style-type: none"> Interpret balanced equations in terms of volume relationships for gases. Define concentration. Calculate concentration, in $\text{mol} \cdot \text{dm}^{-3}$, using $c = \frac{n}{v}$ Determine percentage composition of a compound. Determine the empirical formulae and molecular formulae of compounds. Do stoichiometric calculations including limiting reagents.	82 – 83			31,4%	70%



2026 Grade 11 Physical Sciences ATP

Week 3 3/8 – 7/8 (5 days)	CHEMICAL CHANGE: Quantitative aspects of chemical change (4 hrs)	<ul style="list-style-type: none"> Determine the percentage yield in a reaction. Determine the percentage CaCO_3 in an impure sample of seashells (purity or percent composition). Stoichiometric calculations with explosions as reactions e.g. $2\text{NH}_4\text{NO}_3 \rightarrow 2\text{N}_2(\text{g}) + 4\text{H}_2\text{O}(\text{g}) + \text{O}_2(\text{g})$ $2\text{C}_8\text{H}_{18} + 25\text{O}_2 \rightarrow 16\text{CO}_2 + 18\text{H}_2\text{O}$ Stoichiometric calculations using reaction in airbags (sodium azide): $2\text{NaN}_3(\text{s}) \rightarrow 2\text{Na}(\text{s}) + 3\text{N}_2(\text{g})$ INFORMAL TEST	82 – 83			42,9%	73,6%
Week 4 11/8 – 14/8 (4 days)	CHEMICAL CHANGE: Energy and chemical change (4hrs)	REVISION (Gr10): Chemical reactions <ul style="list-style-type: none"> Define heat of reaction (ΔH). Define an exothermic reaction. Define and endothermic reaction. Classify, with reason, reactions as exothermic or endothermic. State the sign of ΔH for exothermic and endothermic reaction Define activation energy. Define an activated complex. Draw or interpret fully labelled sketch graphs (potential energy versus course of reaction graphs) of catalysed and uncatalysed endothermic and exothermic reactions. 	83			54,3%	77,3%
Week 5 17/8 – 21/8 (5 days)	CHEMICAL CHANGE: Types of reaction (Acid-Base Reactions) (4 hrs)	<ul style="list-style-type: none"> Write names and formulae of common acids: hydrochloric acid, nitric acid, sulphuric acid and ethanoic acid (acetic acid). Write names and formulae of common bases: ammonia, sodium carbonate (washing soda), sodium hydrogen carbonate, sodium hydroxide (caustic soda) and potassium hydroxide. Define acids and bases according to the Arrhenius & Bronsted-Lowrey theories. Identify conjugate acid-base pairs. Describe the term amphiprotic or ampholyte. Write equations to show how an amphiprotic substance can act as acid or base. Write reaction equations for the dissolution of acids and bases in water. Distinguish between strong and weak and concentrated and dilute acids & bases with examples. Explain the pH scale and calculate pH values of strong and weak acids and bases. Write the overall equations for the reactions of acids with metal hydroxides, metal oxides and metal carbonates. 	90 – 92			65,7%	80,1%
Week 6 24/8 – 28/8 (5 days)	CHEMICAL CHANGE: Acids and bases (4 hrs)	REVISION(Gr 10): Writing of formulae and balanced equations <ul style="list-style-type: none"> Describe an acid- base indicator as a weak acid, or a weak base, whose colour changes as the H^+ ion or the OH^- ion concentration in a solution change. Know the colours of litmus, methyl orange, Phenolphthalein and bromothymol blue in acids and in bases. Volumetric analysis (Neutralisation Reactions) Stoichiometric calculations using acid-base reactions. Identify the acid and the base needed to prepare a given salt and write an equation for the reaction. Write down neutralisation reactions of common laboratory acids and bases. INFORMAL TEST	125 - 126			77,1%	84,5%
Week 7 31/8 – 4/9 (5 days)	MATTER AND MATERIAL: Ideal gases and thermal properties (4hrs)	<ul style="list-style-type: none"> Describe the motion of individual molecules i.e. <ul style="list-style-type: none"> collisions with each other and the walls of the container molecules in a sample of gas move at different speeds Explain the idea of <i>average speeds</i> in the context of molecules of a gas. Describe an ideal gas in terms of the motion of molecules. Explain how a real gas differs from an ideal gas. State the conditions under which a real gas approaches ideal gas behaviour. 	80 – 81			88,6%	88,2%



2026 Grade 11 Physical Sciences ATP

Week 8 07/9 - 11/9 (5 days)	MATTER AND MATERIAL: Ideal gases and thermal properties (4 hrs)	<ul style="list-style-type: none"> Describe the relationship between volume and pressure for a fixed amount of gas at constant temperature (Boyle's law): <ul style="list-style-type: none"> Practically By interpreting table of results Using graphs Using symbols ('\propto') and the words inversely proportional. Writing a relevant equation. Explain the temperature of a gas in terms of the average kinetic energy of the molecules of the gas. Explain the pressure exerted by a gas in terms of the collision of the molecules with the walls of the container. <p>Practical FORMAL(SBA): BOYLE'S LAW</p>	80 - 89			100%	91,8%
Week 9 14/9-18/9 (5 days)	REVISION / CONTROLLED TEST	REVISION/CONTROLLED TEST – ONE PAPER (100 marks) <ul style="list-style-type: none"> Quantitative aspects of chemical change Energy and chemical change Acids and bases Ideal gases and thermal properties 					
Week 10 21/9-23/9 (3 days)	CONTROLLED TEST	CONTROLLED TEST CONTINUED					

2026 CUSTOMISED KZN Recovery ATP: Grade 11 – Term 4: PHYSICAL SCIENCES

Week	Knowledge Area (Topic Duration)	Concepts for week	Page in CAPS doc	Date completed	SMT Member Signature	%Curriculum Coverage	
						Per term	Annual
Week 1 06/10 –09/10 (4 days)	SEPTEMBER CONTROL TEST: Discussion (2hrs) CHEMICAL CHANGE: Types of reaction (1hr)	<ul style="list-style-type: none"> Discussion of the control test Redox reactions <ul style="list-style-type: none"> Explain the meaning of <i>oxidation number</i>. Assign oxidation numbers to atoms in various ions and molecules, e.g. H₂O, CH₄, CO₂, H₂O₂, and HOCl by using oxidation number guidelines or rules. 	92			11%	92,7%
Week 2 12/10 –16/10 (5 days)	CHEMICAL CHANGE: Types of reaction (4hrs)	<ul style="list-style-type: none"> Describe a redox (oxidation-reduction) reaction as involving an electron transfer. Describe a redox (oxidation-reduction) reaction as always involving changes in oxidation numbers. 	92 – 93			55,6%	96,4%
Week 3 19/10 –23/10 (5 days)	CHEMICAL CHANGE: Types of reaction (4 hrs)	Redox reactions <ul style="list-style-type: none"> Identify a redox reaction and apply the correct terminology to describe all the processes i.e. oxidation, reduction, reducing agent, oxidizing agent. Balance redox reactions by using half-reactions from the Table of Standard Reduction Potentials 	93 – 94			100%	100%
Week 4 - 5 26/10– 13/11 (10 days)	CONSOLIDATION AND REVISION (8hrs)	<ul style="list-style-type: none"> All topics 					
Week 6 -9 17/11 – 10/12 (18 days)	FINAL EXAMINATION P1: 3 hrs P2: 3 hrs	Physics Paper 1 (150 marks) <ul style="list-style-type: none"> Vectors in two dimensions Newton's laws Electrostatics Electromagnetism Electric circuits Chemistry Paper 2 (150 marks) <ul style="list-style-type: none"> Atomic combinations Intermolecular forces Ideal gases and thermal properties Quantitative aspects of chemical change Energy and chemical change Acid – base reactions Redox reactions 					

NAME OF SCHOOL: _____

YEAR: 2026



PROGRAMME OF FORMAL ASSESSMENT: GRADE 11

ASSESSMENT TASKS (40%)						END-OF-YEAR ASSESSMENT (60%)
TERM 1		TERM 2		TERM 3		TERM 4
Type	Weighting and duration	Type	Weighting and duration	Type	Weighting and duration	Final Examination
Experiment (Verification of Newton's Second Law) <i>(term weight: 40%)</i>	12,5% (Minimum 50 marks and minimum 2 hour duration)	June Exam <i>(term weight: 100%)</i>	25% P1: 100 marks P2: 50 marks	Experiment (Verification of Boyle's Law) <i>(term weight: 40%)</i>	12,5% (Minimum 50 marks and minimum 2 hour duration)	Two papers (150 marks each) Paper 1: Physics (150 marks) Paper 2: Chemistry (150 marks) 3 hour duration for each paper
Control Test <i>(term weight: 60%)</i>	25% (1 × 100 marks) 2 hours			Control Test <i>(term weight: 60%)</i>	25% (1 × 100 marks) 2 hours	
Total Weighting: 37,5%		Total Weighting: 25%		Total Weighting: 37,5%		

Notes for the teacher:

- **TWO formal & TWO informal practical activities must be done.**
- **Before each formal task, there must be evidence of at least 2 informal tasks conducted.**
- **All tasks must be pre-moderated before they are administered.**