

Form 5 Physics
(2025 – 2026)

Week	Topic / Content Area
1	Nature of Waves
2	Reflection and refraction
3	Diffraction and interference
4	Wave nature of light
5	Plane transmission grating
6	Longitudinal waves
7	First Term Uniform Test Evaluation
8	Electric charges
9	Electric field
10	Electric current
11	Resistance
12-13	Resistor networks , Electrical power
14-15	First term Exam Evaluation
16	Analysing circuit
17-18	Power and energy consumption of domestic appliances
19	Alternating current
20	Magnetic forces and magnetic fields
21	Magnetic effect of electric currents
21	Second Term Uniform Test
22	Magnetic force on current-carrying conductor
23	More about magnetic forces
24	Generation of current with a magnetic field
25	Applications of electromagnetic induction
26	Transformers
27	Power transmission
28	Ionizing radiation and X-rays
29	Nuclear radiation
30	Radiation safety
	Final Exam

Assignment:

1. Chapter test
2. Experiment or demonstration
3. Diary Exercise per day

Continuous Assessment:

20% Uniform test