Electricity and Magnetism Review and Maintenance

PH11-11

ORIENTATION

Use this page after the lesson sequence to stabilise Type I fluency and reserve Type II reasoning for explanation, transfer, and error checking.

COVERAGE TABLE

LESSON	FOCUS	EVIDENCE TARGET
1	Electric Charge and Electrostatics	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
2	Electric Fields	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
3	Electric Current	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
4	Voltage and Resistance	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
5	Series and Parallel Circuits	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
6	Practical Circuit Applications	explain one core idea, complete one calculation or representation, and write one HSC-style sentence

LESSON	FOCUS	EVIDENCE TARGET
7	Magnetism	explain one core idea, complete one calculation or representation, and write one HSC-style sentence

RETRIEVAL SET

1. Electric Charge and Electrostatics: state the decisive physics idea.
2. Electric Fields: state the decisive physics idea.
3. Electric Current: state the decisive physics idea.
4. Voltage and Resistance: state the decisive physics idea.
5. Series and Parallel Circuits: state the decisive physics idea.
6. Practical Circuit Applications: state the decisive physics idea.
7. Magnetism: state the decisive physics idea.

EXAM TRANSFER

Choose one lesson above and answer in four sentences:

1. name the model or law,
2. state the relevant quantity and unit,
3. explain the mechanism,
4. connect the result to the physical situation.

MAINTENANCE LOOP

Run this as a short daily loop: one retrieval question, one representation or calculation, and one concise scientific-writing sentence.

STUDENT WORKING