Kinematics Review and Maintenance

PH11-8

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	Motion in a Straight Line	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
2	Graphical Analysis of Motion	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
3	Equations of Motion	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
4	Vectors in Two Dimensions	explain one core idea, complete one calculation or representation, and write one HSC-style sentence
5	Relative Motion	explain one core idea, complete one calculation or representation, and write one HSC-style sentence

RETRIEVAL SET

1. Motion in a Straight Line: state the decisive physics idea.
2. Graphical Analysis of Motion: state the decisive physics idea.

3. Equations of Motion: state the decisive physics idea.
4. Vectors in Two Dimensions: state the decisive physics idea.
5. Relative Motion: 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