

Teacher Name: Smith

Grade Level: High School

Class: Physics

2025-26 GVCS CURRICULUM MAP

Month	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment
September	F.IF.B, MP.2, N.Q, RST.9-10.3	TB C1/ TM Notes	Scientific Method, Significant Figures, Dimensions	HW, Quizzes, Unit Test 1, Labs
September	WHST.11-12.3, MP.2, RST.9-10.7, A.CED.1, F.IF	TB C2 & C3/ TM Notes	Speed, Velocity, Acceleration, Vector, Scalar	HW, Quizzes, Unit Test 2 & 3, Labs
October	RST.9-10.7, S.IC.B, MP.2, F.IF.B	TB C4/ TM Notes	Relative Motion, Free Fall, Constant Acceleration	HW, Quizzes, Unit Test 4, Labs
October	RST.11-12.3, S.IC.B, A.CED.1, S.ID, S.IC.B, MP.2	TB C5 & C9/ TM Notes	Newton's Laws, Friction, Gravity, Planetary Motion	HW, Quizzes, Unit Test 5 & 9, Labs
November	RST.11-12.3, S.IC.B, MP.2, F.IF.B	TB C7/ TM Notes	Momentum, Impulse, Conservation, Collisions	HW, Quizzes, Unit Test 7, Labs
November	RST.11-12.3, S.IC.B, MP.2, F.IF.B	TB C6/ TM Notes	Work, Energy, Power	HW, Quizzes, Unit Test 6, Labs
December	RST.11-12.3, S.IC.B, MP.2, F.IF.B, WHST.9-10.7	TB C13 & C14/ TM Notes	Oscillations, Periodic, Pendulums, Waves, Sound, Doppler, Perception	HW, Quizzes, Unit Test 13 & 14, Labs
January	RST.11-12.3, S.IC.B, MP.2, F.IF.B, NQ	TB C15 & C16/ TM Notes	Electromagnetic Spectrum, Reflection, Refraction	HW, Quizzes, Labs
January	F.IF.B, NQ, S.IC.B	TB C17& C18/ TM Notes	Mirrors, Interference	HW, Quizzes, Unit Test 15 - 18 , Labs
February	RST.11-12.3, S.IC.B, MP.2, F.IF.B, WHST.9-10.7	TB C19/ TM Notes	Electrical Charges, Forces	HW, Quizzes, Unit Test 19, Lab
February	RST.11-12.3, S.IC.B, MP.2, F.IF.B, WHST.11-12.4	TB C20/ TM Notes	Potential Energy, Capacitance	HW, Quizzes, Unit Test 20, Lab
March	RST.11-12.3, S.IC.B, MP.2, WHST.11-12.9, SL.9-10.4	TB C22 & C23/ TM Notes	Magnets, Magnetic Fields, AC Currents	HW, Quizzes, Unit Test 22 & 23, Lab
April	RST.11-12.3, S.IC.B, MP.2, WHST.11-12.9, SL.9-10.4	TB C24 & 25/ TM Notes	Photons, Wave/Particle	HW, Quizzes, Unit Test 24 & 25, Lab
May	S.IC.1, 2, 4, 5, 6a. A.REI.10	TB C26 & C27/ TM Notes	Radioactivity, $E=mc^2$	HW, Quizzes, Unit Test 26 & 27, Lab
June	All Standards	Review for Final	All previously mentioned	Final Exam or Regents

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Notes:

- 1) Physics by James S. Walker will be used as a resource for both the teacher and students. This book will be used to guide instruction.
- 2) Classwork will guide daily assessment into understanding. The larger graded assessments are what is included on the curriculum map.
- 3) The students will need to be able to write and explain solutions in Physics. Students will need to support why certain formulas are used.
- 4) Students will need to be able to explain relationships between certain Physics relationships. (Included but not limited to Waves, Work Energy, Electricity, Radioactivity, ETC)
- 5) Abbreviations: TB – Textbook, C# - Chapter Number, HW – Homework, TM – Teacher Made