



HOMEWOOD-FLOSSMOOR HIGH SCHOOL COURSE SCOPE & SEQUENCE



Semester 1 ø11-12 Department: Science Course: H Physics Instructor(s): McCarthy, Anderson, Banasiak,
 This course is aligned to: **College Readiness Standards and/or College Board Standards** Other:

*The Homewood-Flossmoor High School Course Scope & Sequence provides parents and students with a semester-long overview of each class that we offer. **An instructor may alter a course's scope & sequence as needed.** Students are responsible for keeping track of due dates and other pertinent course information in their H-F Student Planners. Parents, please contact your child's teacher by telephone or e-mail to clarify any questions you may have about the scope & sequence of a particular course.*

WEEK	COLLEGE READINESS AND/OR COLLEGE BOARD CONTENT STANDARDS	INSTRUCTIONAL CONTENT	ACTIVITIES, READINGS, LABS, AND/OR ASSIGNMENTS	MAJOR ASSESSMENTS	OTHER
WEEK #1 8/15 ø 8/19 No school: 8/15 & 8/16	S1b2 S1c3 S1b3 All S2 All S3 S1a2	Unit 1 ø Scientific Thinking	WS1	Pendulum laboratory, Quiz 1	Graphing and Linearization Laboratory; WS1 whiteboarding
WEEK #2 8/22 ø 8/26	S1b2 S1b3 All S2 All S3	Unit 1 ø Scientific Thinking	WS2, WS3	Quiz 2, Lab and written Exam	WS2 and WS3 whiteboarding
WEEK #3 8/29 ø 9/2 PLC day: 923	S1b2 S1a1 ø a3 S1b3 All S2 All S3	Unit 2 ø Inertia and Forces	WS1	Vector activity; Quiz 1	WS1 whiteboarding
WEEK #4 9/5 ø 9/9 No school:	S1b2 S1b3 All S2	Unit 2 ø Inertia and Forces	WS2, WS3	Gravitational Force laboratory; Quiz 2	WS2 and WS3 whiteboarding



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9/5 Pep assembly: 9/10	All S3				
WEEK #5 9/12 ó 9/16	S1b2 S1b3 S1c3	Unit 2 ó Inertia and Forces	WS4	Quiz 3, Laboratory exam	WS4 whiteboarding
WEEK #6 9/19 ó 9/23 PLC day: 9/23	S1b2 S1b3 All S2 All S3	Unit 3 ó Constant Velocity	WS1	Battery-powered buggy laboratory; Quiz 1	WS1 whiteboarding
WEEK #7 9/26 ó 9/30	S1b2 S1b3 S1b1	Unit 3 ó Constant Velocity	WS2, WS3	Quiz 2 and 3	WS2 and WS3 whiteboarding
WEEK #8 10/3 ó 10/7 PLC day: 10/7	S1b2 S1b3 All S2 All S3	Unit 3 ó Constant Velocity	WS4	Lab and written exam	WS4 whiteboarding
WEEK #9 10/10 ó 10/14 No school: 10/10 All School Testing: 10/12	S1b2 S1b3 All S2 All S3	Unit 4 ó Uniform Acceleration	WS1	Carts and ramp laboratory, Quiz 1	WS1 whiteboarding
WEEK #10	S1b2	Unit 4 ó Uniform	WS2, WS3	Quiz 2, Quiz 3	WS2 and



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10/17 ó 10/21 End of 1 st Quarter: 10/21	S1b3 S1d5	Acceleration			WS3 whiteboarding
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WEEK #11 10/24 ó 10/28 PLC day: 10/28	S1b2 S1b3 All S2 All S3	Unit 4 ó Uniform Acceleration; Unit 5 ó Constant Force	WS1	Lab and written exam; Atwood's Laboratory	WS1 whiteboarding
WEEK #12 10/31 ó 11/4 Parent/teacher Conferences: 11/3 No school: 11/4	S1b2 S1b3 S1e3	Unit 5 ó Constant Force	WS2, WS3	Quiz 2, Quiz 3	WS2 and WS3 whiteboarding
WEEK #13 11/7 ó 11/11 No school: 11/11	S1b2 S1b3 All S2 All S3	Unit 5 ó Constant Force	WS4	Quiz 4; Lab and written exam	WS4 whiteboarding
WEEK #14 11/14 ó 11/18 PLC day: 11/18	S1b2 S1b3 All S2 All S3	Unit 6 ó 2 Dimensional Motion	WS1	Projectile Motion Laboratory; Quiz 1	WS1 whiteboarding
WEEK #15 11/21 ó 11/25 No school: 11/24 & 11/25	S1b2 S1b3 All S2 All S3	Unit 6 ó 2 Dimensional Motion	WS2	Circular Motion laboratory; Quiz 2	WS2 whiteboarding
WEEK #16 11/28 ó 12/2	S1b2 S1b3 All S2	Unit 6 ó 2 Dimensional Motion; Unit 7 - Energy	WS1	Lab and written exam; Spring laboratory; quiz 1	WS1 whiteboarding



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	All S3				
WEEK #17 12/5 ó 12/9 PLC day: 12/9	S1b2 S1b3 S1d2 S1d3	Unit 7 - Energy	WS2, WS3	Quiz 2 and Quiz 3	WS2 and WS3 whiteboarding
WEEK #18 12/12 ó 12/16	S1b2 S1b3 All S2 All S3	Unit 7 - Energy	WS4	Quiz 4; Lab and written exam	WS4 whiteboarding
WEEK #19 1/4 ó 1/6	S1b2 S1b3 All S2 All S3	Unit 8 - Momentum	WS1	Momentum Laboratory; Quiz 1	WS1 whiteboarding
WEEK #20 1/9 ó 1/13 Finals: 1/9 ó 1/11 Marking Day 1/12	S1b2 S1b3 All S2 All S3	Unit 8 - Momentum	WS2	Lab and written exam	WS2 whiteboarding



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Semester 2 010 011 Department: Course: Instructor(s):
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WEEK #1 1/16 0 1/20 No school: 1/16	S1b2 S1b3 All S2 All S3	Unit 1 0 Static Electricity	WS1	Static Electricity Laboratory report	Static charges laboratory
WEEK #2 1/23 0 1/27 PLC day: 1/27	S1b2 S1b3 S1c2 S1c3	Unit 1 0 Static Electricity	WS2, WS3	Quiz 1, Quiz 2	Coulomb's Law Laboratory
WEEK #3 1/30 0 2/3	S1b2 S1b3 S1a2 S1a3	Unit 1 0 Static Electricity	WS4	Exam	
WEEK #4 2/6 0 2/10	S1b2 S1b3	Unit 2 0 Current Electricity	WS1	Quiz 1	Capacitor Laboratory



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PLC day: 2/10	All S2 All S3				
WEEK #5 2/13 ó 2/17	S1b2 S1b3 All S2 All S3	Unit 2 ó Current Electricity	WS2	Quiz 2	Voltage Laboratory
WEEK #6 2/20 ó 2/24 No school: 2/20 PLC day: 2/24	S1b2 S1b3 All S2 All S3	Unit 2 ó Current Electricity	WS3	Quiz 3	Resistor Laboratory
WEEK #7 2/27 ó 3/2	S1b2 S1b3 S1e2	Unit 2 ó Current Electricity	WS4	Exam	
WEEK #8 3/5 ó 3/9 No School: 3/5 & 3/6	S1b2 S1b3 All S2 All S3	Unit 3 - Magnetism	WS1		Magnetic Field Laboratory
WEEK #9 3/12 ó 3/16 PLC day: 3/16	S1b2 S1b3 S1b1-4	Unit 3 - Magnetism	WS2	Quiz 1	
WEEK #10	S1b2	Unit 3 - Magnetism	WS3	Exam	



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3/19 ó 3/23 End of 3rd ^t Quarter: 3/23	S1b3				



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WEEK #11 4/2 ó 4/6 No School 4/6	S1b2 S1b3 All S2 All S3	Unit 4 - Waves	WS1	Quiz 1	Slinky Experiments; Computer Simulation experiments
WEEK #12 4/9 ó 4/13 PLC day: 4/13	S1b2 S1b3 All S2 All S3	Unit 4 - Waves	WS2	Quiz 2	Wave Tank experiments; Resonance tube experiment
WEEK #13 4/16- 4/20 No school: 4/22	S1b2 S1b3	Unit 4 - Waves	WS3	Exam	
WEEK #14 4/23 ó 4/27 PSAE: 4/27 & 4/28	S1b2 S1b3 All S2 All S3	Unit 5 ó Light as a Particle	WS1, WS2	Quiz 1	Light intensity experiment; Shadows exploration
WEEK #15	S1b2 S1b3	Unit 5 ó Light as a Particle	WS3	Quiz 2	Pinhole camera experiment



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4/30 ó 5/4 PLC day: 5/4	All S2 All S3				
WEEK #16 5/7 ó 5/11	S1b2 S1b3 S1c3 S1d5	Unit 5 ó Light as a Particle	WS4, WS5	Exam	
WEEK #17 5/14 ó 5/18 PLC day: 5/18	S1b2 S1b3 All S2 All S3	Unit 6 ó Light as a Wave	WS1, WS2	Quiz 1	Laser Experiments (diffraction and interference)
WEEK #18 5/21 ó 5/25 Seniorsø last day: 5/24	S1b2 S1b3	Unit 6 ó Light as a Wave		Exam	
WEEK #19 5/28 ó 6/1 No school: 5/28 Final Exams:					



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5/29 6 5/31 Marking Day: 6/1					