

Scope and Sequence						
Unit or Topic	Standards	Length of Time	Key Content	Assessment Tools	Scaffolding Strategies (Interventions, Special Education)	Resources & Materials
1 dimensional kinematics	3.2.P.B1.	5 weeks	Motion, distance, velocity, acceleration	Lab worksheets, homework problems, quizzes, tests	Online content that parallels the classroom work that can be accessed as	Physicsclassroom.com Teacher created labs
					needed, extra credit problems for students as needed,	Teacher created worksheets
					lab groups to assist students, modified tests and quizzes as needed.	Teacher created quizzes and tests
Freefall	3.2.P.B1.	2 weeks	Gravitational acceleration	Lab worksheets, homework	Online content that parallels the	Physicsclassroom.com
				problems, quizzes, tests	classroom work that can be accessed as	Teacher created labs
					needed, extra credit problems for students as needed,	Teacher created worksheets
					lab groups to assist students, modified tests and quizzes as needed.	Teacher created quizzes and tests
Newton's Laws and	3.2.P.B1.	5 weeks	Forces and free body diagrams,	Lab worksheets, homework	Online content that parallels the	Physicsclassroom.com
Forces					classroom work that	Teacher created labs



			Newton's 3 laws	problems,	can be accessed as	
			of forces	quizzes, tests	needed, extra credit	Teacher created
					problems for	worksheets
					students as needed,	
					lab groups to assist	Teacher created
					students, modified	quizzes and tests
					tests and quizzes as	
					needed.	
Vectors and	3.2.P.B1.	5 weeks	Trigonometric	Lab worksheets,	Online content that	Physicsclassroom.com
2-			calculations with	homework	parallels the	
dimensional			motion	problems,	classroom work that	Teacher created labs
motion				quizzes, tests	can be accessed as	
					needed, extra credit	Teacher created
					problems for	worksheets
					students as needed,	
					lab groups to assist	Teacher created
					students, modified	quizzes and tests
					tests and quizzes as	
					needed.	
Momentum	3.2.12.B2.	3 weeks	Momentum of	Lab worksheets,	Online content that	Physicsclassroom.com
and			collisions and	homework	parallels the	
Impulse			moving objects,	problems,	classroom work that	Teacher created labs
			impulse needs to	quizzes, tests	can be accessed as	
			change		needed, extra credit	Teacher created
			momentum		problems for	worksheets
					students as needed,	
					lab groups to assist	Teacher created
					students, modified	quizzes and tests
					tests and quizzes as	
					needed.	
Work,	3.2.12.B2.	5 weeks	Work, kinetic	Lab worksheets,	Online content that	Physicsclassroom.com
energy, and			energy,	homework	parallels the	
power			gravitational		classroom work that	Teacher created labs



			potential energy, elastic energy, power, and conservation of mechanical energy	problems, quizzes, tests	can be accessed as needed, extra credit problems for students as needed, lab groups to assist students, modified tests and quizzes as needed.	Teacher created worksheets Teacher created quizzes and tests
Vibrations and waves	3.2.P.B5.	4 weeks	Wave properties, wave addition and superposition, standing waves and nodes, wave speed calculations.	Lab worksheets, homework problems, quizzes, tests	Online content that parallels the classroom work that can be accessed as needed, extra credit problems for students as needed, lab groups to assist students, modified tests and quizzes as needed.	Physicsclassroom.com Teacher created labs Teacher created worksheets Teacher created quizzes and tests
Sound and Music	3.2.P.B5.	4 weeks	Opened and closed tube instruments, stringed instruments, harmonics	Lab worksheets, homework problems, quizzes, tests	Online content that parallels the classroom work that can be accessed as needed, extra credit problems for students as needed, lab groups to assist students, modified tests and quizzes as needed.	Physicsclassroom.com Teacher created labs Teacher created worksheets Teacher created quizzes and tests

