



Royal High School

Royal Independent School District

Weekly Lesson Plan

Instructor Kaster
 Week of 8/27/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS

Daily Plans

M		1. Class Guidelines
T	1A	1. FALCON FUNDAMENTAL 2. Safety Rules 3. Pass out Safety Contract 4. Safety Quiz
W	1A 2A-F 3A	1. Penny Test Lab 2. Scientific Method Part 1
T	1A 2A-F	1. Start Numbers in Science Lab 2. Scientific Method Part 2
F	1A 2A-F	1. Finish Numbers in Science Lab 2. Signed Guidelines and Safety Contracts Due

Modifications

Student's Initials	M	T	W	R	F



Royal High School

Royal Independent School District

Weekly Lesson Plan

Instructor Kaster
 Week of 9/03/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS		Daily Plans
M		2. Holiday
T	3B 3C 3E	5. Manipulating Variables and Constants 6. Start Current Physics Project (Due 9/17/07)
W	1A 2A-F	3. Start Golf Ball Lab
T	1A 2A-F	3. Continue Golf Ball Lab
F	2C 2E	3. Start Graphing Calculator Lab

Modifications

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Royal High School Royal Independent School District Weekly Lesson Plan

Instructor Kaster
Week of 9/10/07

Subject Pre-AP Physics
Period/s 4

TAKS/TEKS

Daily Plans

M	1A 2A-F	3. Finish Golf Ball Lab
T	2C 2E	1. Start Graphing Calculator Lab
W	2C 2E	1. Finish Graphing Calculator Lab
T	1A 2A-F 7A-B	1. Data Collection Devices Lab
F	3D 4A 4B 4E	1. Picturing Motion

Modifications

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Weekly Lesson Plan

Instructor Kaster
 Week of 9/17/07

Subject Pre-AP Physics
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TAKS/TEKS		Daily Plans
M	3D 4A 4B 4E	1. Draw Motion Diagrams
T	1A & B 2A-D&F 3B 4B	1. Velocity 2. Acceleration
W	1A & B 2A-D&F 3B 4B	1. Falcon Fun 2. Motion Review
T	1A & B 2A-D&F 3B 4B	1. Motion Exam
F	2C & E	1. Graphing Skills 2. Histograms 3. Bar Graphs

Modifications

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Royal High School Royal Independent School District Weekly Lesson Plan

Instructor Kaster
Week of 9/24/07

Subject Pre-AP Physics
Period/s 4

TAKS/TEKS

Daily Plans

M		1. Start TAKS Benchmark Testing
T		3. Finish TAKS Benchmark Testing
W	1A-B 2A-D 3A-D 4B,E	1. Properties of Vectors
T	1A-B 2A-D 3A-D 4B,E	4. Paper River Lab
F	2B 3B,E 4A,B,E	7. Components of Vectors

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Weekly Lesson Plan

Instructor Kaster
 Week of 10/01/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS		Daily Plans
M	1A-B 2A-D 3A-D 4B,E	5. Ender's Game Ch.6 Quiz 6. Paper River Lab
T	2B 3B,E 4A,B,E	8. Components of Vectors
W	2A-F 3B	1. Start Map of Texas Lab
T	2A-F 3B	1. Finish Map of Texas Lab
F	1A&B 2A-D 3A-E 4B&E	1. Vector Exam

Modifications

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Weekly Lesson Plan

Instructor Kaster
 Week of 10/08/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS

Daily Plans

M		7. Teacher In-Service
T	1A&B 2A-D 3A-E 4B&E	9. Vector Exam 10. Map of Texas Lab Due
W	1A 2B-D 3B 4A&B	1. Ender's Game Ch. 7 Quiz 2. Graphing Motion in One-Dimension
T	1A 2B-D 3B 4A&B	1. Graphing Velocity in One-Dimension
F	1A 2B-D 3B 4A&B	1. Falcon Fun 2. Start 'Measuring Velocity with a Motion Detector' Lab

Modifications

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Royal High School

Royal Independent School District

Weekly Lesson Plan

Instructor Kaster
 Week of 10/15/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS

Daily Plans

M	1A 2B-D 3B 4A&B	8. Ender's Game Ch. 7 Quiz 9. Start 'Measuring Velocity with a Motion Detector' Lab
T	1A 2B-D 3B 4A&B	1. Finish 'Measuring Velocity with a Motion Detector' Lab
W	1A&B 2A-E 3B&D 4A&B	1. Graphical Analysis of Acceleration 2. Matching Position-Time, Velocity-Time, and Acceleration Time Graphs
T	2A-F 4A&B	1. Acceleration on a Ramp Lab
F	1A&B 2A-E 3B&E 4A&B	1. Free Fall 2. Kinematics Equations

Modifications

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Royal High School

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Weekly Lesson Plan

Instructor Kaster
 Week of 10/22/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS

Daily Plans

M	2A-F 4A&B	10. Ender's Game Ch. 8 Quiz 11. Acceleration on a Ramp Lab
T	1A&B 2A-E 3B&E 4A&B	1. Free Fall 2. Kinematics Equations
W	1A&B 2A-E 3B&E 4A&B	1. Review for Motion Exam
T	1A&B 2A-E 3B&E 4A&B	1. Motion Exam
F	1A 2B&C 3B,D,E 4A-D	3. Contact vs Long-Range Forces 4. Newton's 2 nd Law

Modifications

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Royal High School

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Weekly Lesson Plan

Instructor Kaster
 Week of 10/29/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS		Daily Plans
M	1A 2B&C 3B,D,E 4A-D	12. Ender's Game Ch. 9 Quiz 13. Contact vs Long-Range Forces 14. Newton's 2 nd Law
T	1A 2B&C 3B,D,E 4A-D	3. Newton's 1st Law 4. Common Misconceptions
W	1A&B 2A-D 3B&E 4B-D	1. Newton's Law and elevators 2. Apparent Weight 3. The Force of Friction
T	1A&B 2A-D&F 3B&E 4B-D	1. The Elevator Ride Lab
F	1A&B 2A-D 3B&E 4B-D	5. Causes of Friction 6. Periodic Motion and Springs

Modifications

Student's Initials	M	T	W	R	F



Royal High School

Royal Independent School District

Weekly Lesson Plan

Instructor Kaster
 Week of 11/05/07

Subject Pre-AP Physics
 Period/s 4

TAKS/TEKS		Daily Plans
M	1A&B 2A-D&F 3B&E 4B-D	15. Ender's Game Ch. 10 Quiz 16. The Elevator Ride Lab
T	1A&B 2A-D 3B&E 4B-D	1. The Force of Friction 2. Causes of Friction
W	1A&B 2A-D 3B&E 4B-D	1. Periodic Motion and Springs 2. Resonance
T	1A&B 2A-D 3B&E 4B-D	1. Newton's 3rd Law 2. The Four Fundamental Forces 3. Forces of Ropes and Strings
F		1. Career Day

Modifications

Student's Initials	M	T	W	R	F