


Week 6 (9/29-10/3)

Day	Purpose	Activities
Monday		NO SCHOOL!!! Professional Development
Tuesday	Calculate acceleration	Treasure Hunt (Directions Activity)
Wednesday Thursday Block	Review for assessment and Complete assessment	Review for the Speed/Velocity and Acceleration Assessment Velocity/Acceleration Review Quizlet Velocity/Acceleration Review Blooket Speed/Velocity and Acceleration Assessment
Friday		Kinetic and Potential Energy Vocab Kinetic and Potential Energy PPT Kinetic and Potential Energy Skate Park Simulation Skate Park Questions

Week 5 (9/22-9/26)


Day	Purpose	Activities
Monday	Get comfortable calculating speed/velocity	Speed/velocity/acceleration practice assignment Speed WS
Tuesday	Define what acceleration is	Acceleration Notes
Wednesday Thursday Block	Calculate the acceleration of a ball	Velocity and Acceleration Digital Lab Case:  Speed lab 2
Friday	Calculate acceleration	Finish Lab Report Practice Worksheet (if time)

Week 4 (9/15-9/19)

Day	Purpose	Activities
Monday	Pass the assessment	Forces Assessment Test (MS-PS2-1 and MS-PS2-2)
Tuesday	Introduce and take notes on speed variables and concepts/Define speed using variables	Speed Doodle Notes PPT Content Covered: Speed <ul style="list-style-type: none"> • What is speed? • Examples • Speed= distance/time Speed Doodle Notes WS
Wednesday Thursday Block	Calculate speed using the speed formula	Seconds Count App Walking/Running Test
Friday	Understand different examples of speed using different units of distance(km, miles, cm), time(s, h)	Speed Doodle Notes PPT Speed Doodle Notes WS

Week 3 (9/8-9/12)

Day	Purpose	Activities
Monday	Investigate different types of forces	Body of evidence (Graded)- Calculating Net force Forces Vocab <ul style="list-style-type: none"> • What is a force? • What does equal mean? • Unbalanced forces • Balanced forces • Direction tied to force • Newton's 3rd Law - Equal and Opposite Reaction
Tuesday	Investigate	CER


	different types of forces	<ul style="list-style-type: none"> • What is it? • Give examples of those pieces • Show phenomena <p>VOCAB STATIONS:</p> <p>https://docs.google.com/presentation/d/1sqEG6tpg9xa5vmE-DGXXKU9yfYBfKU6taFEsMfdOIR8/edit#slide=id.p</p> <ul style="list-style-type: none"> ○ Buzz Flying- 1st law ○ Lightning McQueen- 2nd law ○ Toy Story Rocket Car- 3rd law ○ The Force- Balanced ○ Football Fail-Unbalanced ○ ISU Football-For fun lol
Wednesday Thursday Block	Understand how to write a CER and apply knowledge of forces to create a lab based CER	<p>Scooter Pull Activity:</p> <ul style="list-style-type: none"> • Who wants to pull? • Where do you think you are going to meet as you pull? • Why do you think that? CLAIM • What factors affected how far you were able to pull/where you ended up? <p>Absent activity:</p> <p>https://phet.colorado.edu/sims/html/forces-and-motion-basics/1.0.0/forces-and-motion-basics_en.html</p>
Friday	Review and be able to understand grading procedure and review forces content(vocab)	<p> Copy of Forces Study Guide</p> <p>Grade/Performance Discussion</p> <p>Go over Calculating Net Force Practice Sheet</p> <p>Review for Test</p> <p>Forces Blooket</p>

Week 2 (9/2-9/5)

Day	Purpose	Activities
Monday		Labor Day!!!
Tuesday	Identify what is a "Force"	<p>Social Contract</p> <p>Forces Pretest</p> <p>Can crushing demo</p> <p>Video: https://www.youtube.com/watch?v=Zz95_VvTxZM</p> <p>Crushing can document</p> <p>***Discussion: What is a force?</p>
Wednesday Thursday Block	Make observations about forces using observation expectations and follow demonstration expectations	<p>ForcesRotations</p> <ol style="list-style-type: none"> 1. Truck Pull 2. Tug of War 3. Balanced/Unbalanced forces (size, force, direction) <ol style="list-style-type: none"> a. Newton's 3rd Law - Equal and Opposite Reaction b. Ex. 4N -> 4N-> c. Ex. 5N -> 1N<- = _____
Friday	Understand forces (balanced and unbalanced)	<p>Calculating Net Force</p> <p>Forces Rotations</p> <ol style="list-style-type: none"> 1. Truck Pull 2. Tug of War 3. Balanced/Unbalanced forces (size, force, direction) <ol style="list-style-type: none"> d. Newton's 3rd Law - Equal and Opposite Reaction e. Ex. 4N -> 4N-> f. Ex. 5N -> 1N<- = _____

Week 1 (8/25-8/29)

Day	Purpose	Activities
Monday	Welcome to Class!!! :-)	<p>Dragon Time!!!</p> <p>Intro Teacher</p> <p>Intro Yourself</p> <ul style="list-style-type: none"> • Canva AI <ul style="list-style-type: none"> ◦ Write four things that describe your appearance ◦ 3 hobbies or things that you like
Tuesday	Welcome to Class!!! :-)	<p>Dragon Time!!!</p> <p>Intro Teacher</p> <p>Intro Yourself</p> <ul style="list-style-type: none"> • Canva AI <ul style="list-style-type: none"> ◦ Write four things that describe your appearance ◦ 3 hobbies or things that you like
Wednesday	Classroom Expectations	<p>Syllabus and Expectations</p> <p>Sign up for Showbie Class or Canvas</p> <p>Google Lesson Site</p> <p>https://sites.google.com/jdragonmail.us/jms-virtual-back-to-school/8th-grade/science-8?authuser=0</p> <p>Safety equipment and routes/procedures</p> <p>CHAMPS Expectations</p>
Thursday	Classroom Expectations	<p>Student Favorites Google Form</p> <p>https://forms.gle/Tx6JpSnRdZrqKQnGA</p> <p>Goodnote 5: Set up Folders for Each Unit</p> <p>Candle Demo</p> <ul style="list-style-type: none"> • What is burning? <ul style="list-style-type: none"> ◦ Wick, Wax, etc.? • States of Matter: Solids, Liquids, Gasses • Video: <ul style="list-style-type: none"> https://www.youtube.com/watch?v=B9asozzeAwY <p>Vocab:</p> <p>Observation vs Inferences Notes</p>

Friday	How to write a quality science procedure/ explanation	<p>Paper Airplane - Make the paper airplane</p> <ul style="list-style-type: none"> • Measure how far the airplane went <p>Bubble Lab</p> <ul style="list-style-type: none"> • Quantitative/ Qualitative Observations • How do you get your materials? • What is better: bubble mix vs homemade • Need a procedure for completing an experiment • Lab clean up <p>Writing proper science procedure practice/activity (if time)</p> <p>Make a grape float</p> <p> Copy of Make a grape float- Quick lab</p>
--------	---	--