

## MRS. PERRICK'S Fifth Grade Math & Science Lesson Plans 2023 - 2024

Monday 2/5	Tuesday 2/6	Wednesday 2/7 NO Early Release	Thursday 2/8 *CLASS SPECIAL AREA	Friday 2/9
<p><b>Science:</b> Generation Genius - Balances &amp; Unbalanced Forces;</p> <p>Forces text discussion &amp; highlighting/underlining</p>	<p><b>Science:</b> Generation Genius - Collisions</p>	<p><b>Science:</b> Science Fair Projects DUE today (begin project presentations)</p>	<p><b>Science:</b> Science Fair Project Presentations</p>	<p><b>Science:</b> Science Fair Project Presentations;</p> <p>Exploring Force &amp; Motion - JavaLab (laptops) w/ handout</p>
<p><b>Math:</b> Ch. 8 Review DUE today for BONUS on Summative; Go over Ch. 8 Review (pg. 419-422)</p>	<p><b>Math:</b> Ch. 8 Adding &amp; Subtracting Fractions Summative Assessment</p>	<p><b>Math:</b> Generation Genius - Multiplying Fractions &amp; Whole Numbers;</p> <p>9.1 Multiply Fractions &amp; Whole Numbers (pg. 427-432)</p>	<p><b>Math:</b> Generation Genius - Multiplying Fractions by Fractions;</p> <p>9.2 Use Area Models to Multiply Fractions (pg. 433-438)</p>	<p><b>Math:</b> Flocab. - Multiplying Fractions;</p> <p>9.3 Multiply Fractions (pg. 439-444);</p> <p>Multiplying Fractions Formative (9.1 &amp; 9.3)</p>

**Math Stations:** IXL (Ch. 8 "From Your Teacher" Skills); iReady Math Diagnostic 2 and Teacher-Assigned Lessons; Packet: Adding & Subtracting Fractions; Math Mystery: Case of the Forgetful Pharaoh; "Open a Smoothie Shop" (Adding Fractions); Improper Fractions & Mixed Numbers Task Cards #1-40 w/ recording sheet; "In the Kitchen w/" (Adding & Subtracting Fractions & Mixed Numbers); Additional mixed practice worksheets as needed.

### VIDEO LINKS:

Generation Genius - Balances & Unbalanced Forces: <https://www.generationgenius.com/videolessons/balanced-and-unbalanced-forces-video-for-kids/>

Generation Genius - Collisions: <https://www.generationgenius.com/videolessons/collisions-video-for-kids/>

Generation Genius - Multiplying Fractions & Whole Numbers: <https://www.generationgenius.com/videolessons/multiplying-fractions-by-whole-numbers/>

Generation Genius - Multiplying Fractions by Fractions:  
<https://www.generationgenius.com/videolessons/multiplying-fractions-by-fractions/>

Exploring Force & Motion - JavaLab: [https://javalab.org/en/force\\_movement\\_en](https://javalab.org/en/force_movement_en)

Flocabulary - Multiplying Fractions: <https://www.flocabulary.com/unit/multiply-fractions/>

### NOTES:

**NGSSS Standard(S):** SC.5.P.13.1 Identify familiar forces that cause objects to move, such as pushes or pulls, including gravity acting on falling objects; SC.5.P.13.2 Investigate and describe that the greater the force applied to it, the greater the change in motion of a given object; SC.5.P.13.3 Investigate and describe that the more mass an object has, the less effect a given force will have on the object's motion; SC.5.P.13.4 Investigate and explain that when a force is applied to an object but it does not move, it is because another opposing force is being applied by something in the environment so that the forces are balanced;

**Academic Language:** attract/attraction, direction, distance, force, friction, gravity, magnetism, mass, motion, newton (N), position, pull, push, repel/repulsion, speed, spring scale, balanced forces, opposing forces, unbalanced forces

**B.E.S.T. Standard(S):** MA.5.FR.2.1; MA.5.AR.1.2; MA.5.AR.2.2

**Ch. 8 VOCABULARY:** common denominator, improper fraction proper fraction

**Ch. 8 SUCCESS CRITERIA:**

- I can write equivalent fractions.
- I can find a common denominator.
- I can add and subtract fractions.
- I can add and subtract mixed numbers.

B.E.S.T. Standard(S): MA.5.FR.2.2; MA.5.GR.2.1; MA.5.AR.1.2; MA.5.FR.2.3

Ch. 9 VOCABULARY: (none)

Ch. 8 SUCCESS CRITERIA:

- I can use area models to multiply fractions.
- I can multiply fractions.
- I can explain what multiplication of fractions means.
- I can solve problems using fraction multiplication.