

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

Monday 1/22	Tuesday 1/23 ★CLASS SPECIAL AREA	Wednesday 1/24 Early Release	Thursday 1/25 ★CLASS SPECIAL AREA	Friday 1/26
<p><b>Science:</b> Generation Genius - Electricity &amp; Circuits;</p> <p>Electric Energy Notes; Electricity text;</p> <p>Generation Genius - Magnets &amp; Static Electricity;</p> <p>Static Electricity text;</p> <p>Send home Energy &amp; Electricity Summative Study Guide</p>	<p><b>Science:</b> Flocab.: Current Electricity;</p> <p>Circuit Construction Kit: DC - PhET Simulation Lab w/ handout (laptops)</p>	<p><b>Science:</b> Generation Genius - Energy Transfer</p>	<p><b>Science:</b> Evaluate SC.5.P.10.3 (Electrical Charges) &amp; SC.5.P.10.4 (Transfer of Electrical Energy) Formative</p>	<p><b>Science:</b> VCS Topic Check 5;</p> <p>Review for Monday's Energy &amp; Electricity Summative</p>
<p><b>Math:</b> Lesson 8.3 Adding Fractions w/ Unlike Denominators (pg. 387-392)</p>	<p><b>Math:</b> Flocab.: Add. Fractions;</p> <p>CONT. practicing Adding Fractions w/ Unlike Denominators;</p> <p>Add. Fractions w/ Unlike Den. Formative</p>	<p><b>Math:</b> Lesson 8.4 Subtracting Fractions with Unlike Denominators (pg. 393-398)</p>	<p><b>Math:</b> Flocab. - Mixed Numbers &amp; Improper Fractions;</p> <p>Lesson 8.5 Add Mixed Numbers (pg. 399-404)</p>	<p><b>Math:</b> CONT. Lesson 8.5 Add Mixed Numbers (pg. 399-404)</p>

**Math Stations:** IXL (Ch. 8 “From Your Teacher” Skills); iReady Math Diagnostic 2; 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

**Video Links:**

Generation Genius – Electricity & Circuits: <https://www.generationgenius.com/videolessons/electricity-and-circuits-video-for-kids/>

Generation Genius – Magnets & Static Electricity: <https://www.generationgenius.com/videolessons/magnets-and-static-electricity-video-for-kids/>

Flocabulary – Current Electricity: <https://www.flocabulary.com/unit/current-electricity/>

Circuit Construction Kit: DC – PhET Simulation: [https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit-dc\\_en.html](https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit-dc_en.html)

Flocabulary – Adding Fractions: <https://www.flocabulary.com/unit/adding-fractions/>

Generation Genius – Energy Transfer: <https://www.generationgenius.com/videolessons/energy-transfer-video-for-kids/>

Flocabulary – Mixed Numbers & Improper Fractions: <https://www.flocabulary.com/unit/mixed-numbers-improper-fractions/>

**NOTES:**

**NGSS Standard(s):** SC.5.P.10.1 Investigate and describe some basic forms of energy, including light, heat, sound, electrical, chemical, and mechanical;

SC.5.P.10.2 Investigate and explain that energy has the ability to cause motion or create change.;

SC.5.P.10.3 Investigate and explain that an electrically-charged object can attract an uncharged object and can either attract or repel another charged object without any contact between the objects;

SC.5.P.10.4 Investigate and explain that electrical energy can be transformed into heat, light, & sound energy, as well as the energy of motion;

SC.5.P.11.1 Investigate and illustrate the fact that the flow of electricity requires a closed circuit (a complete loop);

SC.5.P.12.2 Identify and classify materials that conduct electricity and materials that do not.

**Academic Language:** absorb, bend, change, conduct/conductor energy: (chemical, electrical, heat (thermal), light, mechanical, sound), friction, heat flow, heat gain, heat loss, insulator (poor conductor), motion, opaque, pitch, photosynthesis, reflect, sound, translucent, transparent, vibration, electricity, transformation, attract, electric charge: (negative, positive, neutral), electricity, repel, static electricity, closed circuit, conductors, electricity, insulator (poor conductor), materials, open circuit, simple circuit, switches

**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.