

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

Monday 1/8	Tuesday 1/9	Wednesday 1/10 Early Release	Thursday 1/11	Friday 1/12 *CLASS SPECIAL AREA
Science: Light Energy - Generation Genius: Light Reflection & Vision; Reflection, Refraction, & Absorption Notes; Transparent, Translucent, & Opaque Notes; Light Energy Scavenger Hunt	Science: Heat/Thermal Energy - Generation Genius: Intro. to Thermal Energy; Conductors, Insulators, & Heat/Thermal Energy Notes	Science: Sound Energy - Generation Genius: Intro. to Sound; Sound Energy Scavenger Hunt	Science: Sub Plans	Science: Sub Plans
Math: Lesson 7.7 Divide Decimals (pg. 341-346)	Math: Lesson 7.8 Insert Zeroes in the Dividend (pg. 347-352)	Math: Lesson 7.9 Problem Solving: Divide with Money (pg. 353-358)	Math: Sub Plans	Math: Sub Plans

Monday 1/15	Tuesday 1/16	Wednesday 1/17 Early Release *CLASS SPECIAL AREA	Thursday 1/18	Friday 1/19
Science: No School - MLK Jr. Day	Science: F.A.S.T. Progress Monitoring 2 - ELA / Sub Plans	Science: early dismissal due to water main break	Science: F.A.S.T. Progress Monitoring 2 - Math; Mechanical Energy -	Science: Chemical Energy text & discussion; BrainPop - Forms of

			Generation Genius: Potential vs. Kinetic Energy; PhET Energy Skate Park Lab (online) w/ question sheet	Energy; Evaluate SC.5.P.10.1 Forms of Energy Formative Assessment
Math: No School - MLK Jr. Day	Math: F.A.S.T. Progress Monitoring 2 - ELA / Sub Plans	Math: Ch. 7 Divide Decimals Summative Assessment	Math: F.A.S.T. Progress Monitoring 2 - Math; Simmons HR - Ch. 7 Summative	Math: Intro. Ch. 8 - Add & Subtract Decimals (Distribute Vol. 2 Math Textbooks); Generation Genius - Adding & Subtracting Fractions with Unlike Denominators; Lesson 8.2 Find Common Denominators (pg. 381-386)

Math Stations: IXL (Ch. 7 "From Your Teacher" Skills); iReady (Teacher-Assigned Lessons); Misc. Paper-Assigned Tasks

Video Links:

Generation Genius - Light Reflection & Vision: <https://www.generationgenius.com/videolessons/light-reflection-and-vision-video-for-kids/>

Generation Genius - Intro to Thermal Energy: <https://www.generationgenius.com/videolessons/thermal-energy-video-for-kids/>

Generation Genius - Intro to Sound Energy: <https://www.generationgenius.com/videolessons/introduction-to-sound-video-for-kids/>

Generation Genius – Potential vs. Kinetic Energy: <https://www.generationgenius.com/videolessons/potential-vs-kinetic-energy-video-for-kids/>

BrainPop – Forms of Energy: <https://www.brainpop.com/science/energy/formsenergy/>

Generation Genius – Adding & Subtracting Fractions with Unlike Denominators:
<https://www.generationgenius.com/videolessons/add-subtract-fractions-unlike-denominators/>

NOTES: Monday 1/8 – *Class* Special Area – Mental Health Lesson 1B;

NGSSS 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.11.2 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.NSO.2.4; MA.5.NSO.2.5; MA.5.NSO.2.4; MA.5.M.2.1; MA.5.AR.2.2

Ch. 7 VOCABULARY: (none)

Ch. 7 SUCCESS Criteria:

- I can use models to find a quotient.
- I can determine the location of a decimal point in a quotient.
- I can explain how to divide decimals.
- I can solve problems using decimal division

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.