Targeted Benchmarks
SC.5. P.10.1: Investigate and describe some basic forms of energy, including chemical, electrical, electromagnetic, heat, light, mechanical, nuclear, solar, and sound energy.
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 objects.
SC.5.P.10.4: Investigate and describe some basic forms of energy, including chemical, electrical, electromagnetic, heat, light, mechanical, nuclear, solar, and sound energy.
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 clarify materials that conduct electricity and materials that do not.
SC.5.P.13.1: Identify familiar forces that cause objects to move, such as pushes or pulls, including gravity acting on falling objects.
3-5-ETS1-2: Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
3-5-ETS2.B: Influence of Engineering, Technology, and Science on society and the natural world.
MAFS.5.NBT.2.5: Fluently multiply multi-digit whole numbers using the standard algorithm.
MAFS.5.NBT.2.7: Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
MAFS.5.NF.1.1: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators.
MAFS.5.NF.1.2: Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers.
LAFS.5.RI.2.4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.
LAFS.5.RI.3.7: Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently
LAFS.5.SL.1.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.
LAFS.K12.W.1.1: Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.