National Standards: Alignment with Next Generation Science Standards and Common Core State Standards

During this mission, the teams are exposed to the following national standards:
MAPPING
Next Generation Science Standards
SEP 6-8: Construct a scientific explanation based on valid and reliable evidence obtained from sources.
SEP 6-8: Analyze and interpret data to determine similarities and differences in findings.
Common Core State Standards
L.6.6.C: Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.
SL.7.1.C: Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas.
SL.7.1: Engage effectively in a range of collaborative discussions.
7.RPA.1: Analyze proportional relationships and use them to solve real-world and mathematical problems.
7.EE.B.2: Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
6.RPA.1: Understand ratio concepts and use ratio language to describe a ratio relationship.
MP1: Make sense of problems and persevere in solving them.
MP2: Reason abstractly and quantitatively.
MP6: Attend to precision.
TRACKING
Next Generation Science Standards
SEP 6-8: Construct a scientific explanation based on valid and reliable evidence obtained from sources.
SEP 6-8: Analyze and interpret data to determine similarities and differences in findings.
Common Core State Standards
L.6.6.C: Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.
SL.7.1.C: Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas.
SL.7.1: Engage effectively in a range of collaborative discussions.
7.EE.B.2: Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
MP1: Make sense of problems and persevere in solving them.
MP2: Reason abstractly and quantitatively.
MP6: Attend to precision.
STRUCTURE
Next Generation Science Standards
SEP 6-8: Construct a scientific explanation based on valid and reliable evidence obtained from sources.
SEP 6-8: Analyze and interpret data to determine similarities and differences in findings.
Common Core State Standards
L.6.6.C: Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.
SL.7.1.C: Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas.
SL.7.1: Engage effectively in a range of collaborative discussions.
7.EE.B.2: Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
7.G.B: Solve real-life mathematical problems involving angle measure, area, surface area, and volume.
MP1: Make sense of problems and persevere in solving them.
MP2: Reason abstractly and quantitatively.
MP6: Attend to precision.

National Standards: Alignment with Next Generation Science Standards and Common Core State Standards

ENGINES
Next Generation Science Standards
SEP 6-8: Construct a scientific explanation based on valid and reliable evidence obtained from sources.
SEP 6-8: Analyze and interpret data to determine similarities and differences in findings.
Common Core State Standards
L.6.6.C: Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.
SL.7.1.C: Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas.
SL.7.1: Engage effectively in a range of collaborative discussions.
7.EE.B.2: Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
7.G.B: Solve real-life mathematical problems involving angle measure, area, surface area, and volume.
MP1: Make sense of problems and persevere in solving them.
MP2: Reason abstractly and quantitatively.
MP6: Attend to precision.