STEM STANDARDS of PRACTICE

MATH

M1. Make sense of problems and persevere in solving them
M2. Reason abstractly and quantitatively
M6. Attend to precision
M7. Look for and make use of structure
M8. Look for and express regularity in repeated reasoning

S2. Develop and use models
M4. Model with mathematics
S5. Use mathematics and computational thinking

SCIENCE

S1. Ask questions and define problems
S3. Plan and carry out investigations
S4. Analyze and interpret data
S6. Construct explanations and design solutions

E2. Build a strong base of knowledge through content rich texts
E5. Read, write, and speak grounded in evidence
M3 and E4. Construct viable arguments and critique reasoning of others
S7. Engage in argument from evidence

E6. Use technology and digital media strategically and capably
M5. Use appropriate tools strategically

S8. Obtain, evaluate, and communicate information
E3. Obtain, synthesize, and report findings clearly and effectively in response to task and purpose

E1. Demonstrate independence in reading complex texts and in writing and speaking about them
E7. Come to understand other perspectives and cultures through reading, listening, and collaborations

ELA

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