Practices in Mathematics, Science, and Literacy

Math	Science & Engineering	Literacy
M1. Make sense of problems and persevere in solving them.	**S1.** Asking questions (for science) and defining problems (for engineering).	**L1.** Demonstrate independence in reading complex texts, and writing and speaking about them.
M2. Reason abstractly and quantitatively.	**S2.** Developing and using models.	**L2.** Build a strong base of knowledge through content rich texts.
M3. Construct viable arguments and critique the reasoning of others.	**S3.** Planning and carrying out investigations.	**L3.** Obtain, synthesize, and report findings clearly and effectively in response to task and purpose.
M4. Model with mathematics.	**S4.** Analyzing and interpreting data.	**L4.** Construct viable arguments and critique reasoning of others.
M5. Use appropriate tools strategically.	**S5.** Using mathematics, information and computer technology, and computational thinking.	**L5.** Read, write, and speak grounded in evidence.
M6. Attend to precision.	**S6.** Constructing explanations (for science) and designing solutions (for engineering).	**L6.** Use technology and digital media strategically and capably.
M7. Look for and make use of structure.	**S7.** Engaging in argument from evidence.	**L7.** Come to understand other perspectives and cultures through reading, listening, and collaborations.
M8. Look for and express regularity in repeated reasoning.	**S8.** Obtaining, evaluating, and communicating information.	

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