Make Sense of Problems and Persevere in Solving them	Make Sense of Problems and Persevere in Solving them
Reason Abstractly and Quantitatively	Reason Abstractly and Quantitatively
Construct Viable Arguments & Critique Reasoning of Others	Construct Viable Arguments & Critique Reasoning of Others
Model with Mathematics	Model with Mathematics
Use Appropriate Tools Strategically	Use Appropriate Tools Strategically
Attend to Precision	Attend to Precision
Look for and Make Use of Structure	Look for and Make Use of Structure
Look for and express regularity in repeated reasoning	Look for and express regularity in repeated reasoning

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Ask Questions and Define Problems	Ask Questions and Define Problems
Develop and Use Models	Develop and Use Models
Plan and Carry Out Investigations	Plan and Carry Out Investigations
Analyze and Interpret Data	Analyze and Interpret Data
Use Math, Information Technology, Computer Technology, and Computational Thinking	Use Math, Information Technology, Computer Technology, and Computational Thinking
Construct Explanations and Design Solutions	Construct Explanations and Design Solutions
Engage in Argument from Evidence	Engage in Argument from Evidence
Obtain, Evaluate, and Communicate Information	Obtain, Evaluate, and Communicate Information

Cite Textual Evidence to Support Analysis	Cite Textual Evidence to Support Analysis
Determine the meaning of symbols and domain specific words	Determine the meaning of symbols and domain specific words
Follow Precisely a Multi-step Procedure	Follow Precisely a Multi-step Procedure
Distinguish Among Facts, Reasoned Judgment in Research, and Speculation	Distinguish Among Facts, Reasoned Judgment in Research, and Speculation
Analyze the Structure Used for Organization and to Enhance Understanding	Analyze the Structure Used for Organization and to Enhance Understanding
Integrate Information Expressed in Words with Visual Representations	Integrate Information Expressed in Words with Visual Representations
Compare/Contrast experimental results with informational text	Compare/Contrast experimental results with informational text