# October 2014 Draft - Standards for K-3 Social, Emotional, and Intellectual Habits 

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| Domain: Social and Intellectual <br> Habits | $\mathbf{2}^{\text {nd }}$ Grade Content Standard |  |
| :--- | :--- | :--- |
| Develop a <br> positive self- <br> concept | Self-Awareness <br> SMP 1,3 | Self Awareness can be supported <br> through the following standards: |

## CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them






 make sense?" They can understand the approaches of others to solving complex problems and identify correspondences between different approaches.

## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others






 and ask useful questions to clarify or improve the arguments.

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| :--- | :--- |
|  | Sense of self as <br> competent and capable <br> SMP 1,3,6,7 | | Sense of self as competent and capable |
| :--- |
| can be supported through the |
| following standards: |

## CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them






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## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others






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## CCSS.Math.Practice.MP6 Attend to precision



 other. By the time they reach high school they have learned to examine claims and make explicit use of definitions.

## CCSS.Math.Practice.MP7 Look for and make use of structure.




 For example, they can see $5-3(x-y)^{2}$ as 5 minus a positive number times a square and use that to realize that its value cannot be more than 5 for any real numbers $x$ and $y$.

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SUBJECT AREA CONNECTION:
Math
DATE: December 30, 2014
AUTHOR: Charlene Tate Nichols
CONTRIBUTORS:

| Domain: Social and Intellectual <br> Habits | $2^{\text {nd }}$ Grade Content Standard |  |
| :--- | :--- | :--- |
| Develop a <br> positive <br> attitude toward <br> learning | Sense of self as <br> a learner | Sense of self as a learner can be <br> supported through the following <br> standards: |

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 make sense?" They can understand the approaches of others to solving complex problems and identify correspondences between different approaches.

## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others.






 and ask useful questions to clarify or improve the arguments.
CCSS.Math.Practice.MP5 Use appropriate tools strategically.





 understanding of concepts.

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| $\begin{array}{l}\text { Domain: Social and Intellectual } \\ \text { Habits }\end{array}$ | $\mathbf{2}^{\text {nd }}$ Grade Content Standard |
| :--- | :--- |
|  | $\begin{array}{l}\text { Curiosity and } \\ \text { initiative } \\ \text { SMP 1,7 }\end{array}$ | \(\left.\begin{array}{l}Curiosity and initiative can be <br>

supported through the following <br>
standards:\end{array}\right\}\)

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| :--- | :--- | :--- |
|  | Cooperation <br> during learning <br> experiences <br> SMP 3,6 | Cooperation during learning <br> experiences can be supported through <br> the following standards: |

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## CCSS.Math Practice MP6 Attend to precision



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| Domain: Social and Intellectual <br> Habits |
| :--- |
| $\mathbf{2}^{\text {nd }}$ Grade Content Standard <br> understand <br> emotions of self <br> and others | | Identifying and |
| :--- |
| Understanding |
| Emotions |$\quad$| Identifying and understanding emotions |
| :--- |
| can be supported through the following |
| standards: |

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| :--- | :--- | :--- |
|  | Empathy <br> SMP 3 | Empathy can be supported through the <br> following standards: |

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| Domain: Social and Intellectual <br> Habits |  | $\mathbf{2}^{\text {nd }}$ Grade Content Standard |
| :--- | :--- | :--- |
| Develop positive <br> interpersonal <br> relationships | Social <br> Awareness and <br> Interpersonal <br> Skills <br> SMP 3 | Social Awareness and Interpersonal <br> Skills can be supported through the <br> following standards: |

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| Domain: Social and Intellectual <br> Habits | $\mathbf{2}^{\text {nd }}$ Grade Content Standard |  |
| :--- | :--- | :--- |
|  | Responsible <br> decision making <br> and social <br> problem solving | Responsible decision making and social <br> problem solving can be supported <br> through the following standards: |


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| :--- | :--- | :--- |
|  | Conflict <br> Resolution <br> SMP 1 | Conflict Resolution <br> can be supported through the following <br> standards: |

CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them.





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|  | 2.NBT.B.7 <br> Add and subtract within 1000, using <br> concrete models or drawings and <br> strategies based on place value, <br> properties of operations, and/or the <br> relationship between addition and <br> subtraction; relate the strategy to a <br> written method. Understand that in <br> adding or subtracting three-digit <br> numbers, one adds or subtracts <br> hundreds and hundreds, tens and tens, <br> ones and ones; and sometimes it is <br> necessary to compose or decompose <br> tens or hundreds |
|  |  |

CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them.
Mathematically proficient students start by explaining to themselves the meaning of a problem and looking for entry points to its solution. They analyze givens, constraints, relationships, and goals. They make conjectures about the form and meaning of the solution and plan a solution pathway rather than simply jumping into a solution attempt. They consider analogous problems, and try special cases and simpler forms of the original problem in order to gain insight into its solution. They monitor and evaluate their progress and change course if necessary. Older students might, depending on the context of the problem, transform algebraic expressions or change the viewing window on their graphing calculator to get the information they need. Mathematically proficient students can explain correspondences between equations, verbal descriptions, tables, and graphs or draw diagrams of important features and relationships, graph data, and search for regularity or trends. Younger students might rely on using concrete objects or pictures to help conceptualize and solve a problem. Mathematically proficient students check their answers to problems using a different method, and they continually ask themselves, "Does this make sense?" They can understand the approaches of others to solving complex problems and identify correspondences between different approaches.

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## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others






 and ask useful questions to clarify or improve the arguments.

## CCSS.Math.Practice.MP5 Use appropriate tools strategically.






 understanding of concepts.

## CCSS.Math.Practice.MP6 Attend to precision.



 other. By the time they reach high school they have learned to examine claims and make explicit use of definitions.

## CCSS.Math.Practice.MP7 Look for and make use of structure.




 For example, they can see $5-3(x-y)^{2}$ as 5 minus a positive number times a square and use that to realize that its value cannot be more than 5 for any real numbers $x$ and $y$.
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## CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them






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## CCSS.Math.Practice.MP2 Reason abstractly and quantitatively.




 operations and objects.

## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others






 and ask useful questions to clarify or improve the arguments.

## CCSS.Math.Practice.MP4 Model with mathematics.





 of the situation and reflect on whether the results make sense, possibly improving the model if it has not served its purpose.

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| :--- | :--- | :--- |
|  | Self-regulation <br> of impulses and <br> emotional <br> reaction <br> SMP 1,3 | Self-regulation of impulses and <br> emotional reaction can be supported <br> through the following standards: |
| CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them |  |  |

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| :--- | :--- | :--- |
|  | Managing <br> attention and <br> behavior <br> SMP 1, 6 | Managing attention and behavior can <br> be supported through the following <br> standards: |

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## CCSS.Math.Practice.MP6 Attend to precision.



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| :--- | :--- | :--- |
| Logic and <br> Reasoning <br> SMP ALL | Critical and <br> analytical <br> thinking <br> SMP 1,3 | Critical and analytical thinking can be <br> supported through the following <br> standards: |

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 operations and objects.

## CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others






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## CCSS.Math.Practice.MP4 Model with mathematics.





 of the situation and reflect on whether the results make sense, possibly improving the model if it has not served its purpose.

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 understanding of concepts.

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 For example, they can see $5-3(x-y)^{2}$ as 5 minus a positive number times a square and use that to realize that its value cannot be more than 5 for any real numbers $x$ and $y$.

## CCSS.Math.Practice.MP8 Look for and express regularity in repeated reasoning.




 They continually evaluate the reasonableness of their intermediate results.


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|  | 2.G.A.1 <br> Recognize and draw shapes having <br> specified attributes, such as a given <br> number of angles or a given number of <br> equal faces. ${ }^{1}$ Identify triangles, <br> quadrilaterals, pentagons, hexagons, and <br> cubes. |

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## CCSS.Math.Practice.MP4 Model with mathematics.





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| :---: | :---: | :---: |
| Symbolic <br> Representation <br> SMP $1,2,4,5,7$ | Symbolic representation | Symbolic representation can be supported through the following standards: |
|  |  | 2.NBT.A. 3 <br> Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. |
|  |  | 2.NBT.A. 4 <br> Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, $=$, and < symbols to record the results of comparisons. <br> 2.MD.C. 8 <br> Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and $¢$ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have? |

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| :--- | :--- |
| $\mathbf{2}^{\text {nd }}$ Grade Content Standard |  |
|  |  |
|  | 2.MD.D.10 <br> Draw a picture graph and a bar graph <br> (with single-unit scale) to represent a <br> data set with up to four categories. Solve |
|  |  |
|  |  |
| presented in a bar graph. |  |

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## CCSS.Math.Practice.MP2 Reason abstractly and quantitatively.




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## CCSS.Math.Practice.MP5 Use appropriate tools strategically






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|  | Pretend or <br> symbolic play | Pretend or symbolic play can be <br> supported through the following <br> standards: |

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