nain:
$\mathbf{1}^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

| Develop a <br> positive self- <br> concept | Self-Awareness <br> SMP 1,3 | Self Awareness can be supported through the following standards: |
| :--- | :---: | :---: |

## concept <br> CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them.

 SMP 1,3




 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.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$1^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

## Sense of self as competent and capable

 SMP 1,3,6,7
## 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.

## 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 $y$.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$1^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

| Develop a <br> positive <br> attitude toward <br> learning | Sense of self as <br> a learner <br> SMP 1,3,5 | Sense of self as a learner can be supported 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.
CCSS.Math.Practice.MP5 Use appropriate tools strategically.





 understanding of concepts.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## $1^{\text {st }}$ Grade Content Standard

Social and Intellectual Habits

| Curiosity and <br> initiative | Curiosity and initiative can be supported through the following standards: |
| :--- | :--- |
| SMP 1,7 |  |

## 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.

## 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 $y$.

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

***Please Do Not Reproduce Or Distribute Without Permission***
$\qquad$

## Domain:

## $1^{\text {st }}$ Grade Content Standard

Social and Intellectual Habits
Cooperation
during learning
experiences
SMP 3,6

Cooperation during learning experiences can be supported through the following standards:
experiences
SMP 3,6
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.MP6 Attend to precision.



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

| Identify and | Identifying and <br> understand <br> emotions of self <br> Understanding <br> End others | Identifying and understanding emotions can be supported through the following standards: |
| :--- | :--- | :--- |

$\qquad$

## Empathy <br> SMP 3

## Empathy can be supported through the following standards:

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





 and ask useful questions to clarify or improve the arguments.

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

***Please Do Not Reproduce Or Distribute Without Permission***

| Domain: <br> Social and Intellectual Habits |  | $1^{\text {st }}$ Grade Content Standard |
| :---: | :---: | :---: |
| Develop positive interpersonal relationships | Social <br> Awareness and Interpersonal Skills SMP 3 | Social Awareness and Interpersonal Skills can be supported through the following standards: |

## 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.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.

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

***Please Do Not Reproduce Or Distribute Without Permission***

| Domain: Social and Intellectual Habits |  | $1^{\text {st }}$ Grade Content Standard |
| :---: | :---: | :---: |
| Executive Function | Working <br> Memory and Meta-cognition SMP 1, 3, 5, 6, 7 | Working Memory \& Meta-cognition can be supported through the following standards: <br> - 1.OA.A.1-Use addition and subtraction within 20 to solve word problems involving situations of add with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for <br> - 1.OA.2-Solve word problems that call for addition of three whole numbers whose sum is less tha symbol for the unknown number to represent the problem. <br> - 1.OA.B.3-Apply properties of operations as strategies to add and subtract. ${ }^{2}$ Examples: If $8+3=1$ addition.) To add $2+6+4$, the second two numbers can be added to make a ten, so $2+6+4=2$ <br> - 1.OA.B.4-Understand subtraction as an unknown-addend problem. For example, subtract 10-8 <br> - 1.NBT.C.4-Add within 100, including adding a two-digit number and a one-digit number, and add drawings and strategies based on place value, properties of operations, and/or the relationship be method and explain the reasoning used. Understand that in adding two-digit numbers, one adds compose a ten. |
| CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them. <br> 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. |  |  |
| CCSS.Math.Practice.MP3 Construct viable arguments and critique the reasoning of others. <br> Mathematically proficient students understand and use stated assumptions, definitions, and previously established results in constructing arguments. They make conjectures and build a logical progression of statements to explore the truth of their conjectures. They are able to analyze situations by breaking them into cases, and can recognize and use counterexamples. They justify their conclusions, communicate them to others, and respond to the arguments of others. They reason inductively about data, making plausible arguments that take into account the context from which the data arose. Mathematically proficient students are also able to compare the effectiveness of two plausible arguments, distinguish correct logic or reasoning from that which is flawed, and-if there is a flaw in an argument-explain what it is. Elementary students can construct arguments using concrete referents such as objects, drawings, diagrams, and actions. Such arguments can make sense and be correct, even though they are not generalized or made formal until later grades. Later, students learn to determine domains to which an argument applies. Students at all grades can listen or read the arguments of others, decide whether they make sense, |  |  | and ask useful questions to clarify or improve the arguments.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

Social and Intellectual Habits

## 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 $y$.

Cognitive Cognitive Flexibility can be supported through the following standards:
Flexibility
SMP 1, 2, 3, 4, 5, 7 $\qquad$

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain: Social and Intellectual Habits

- 1.OA.A.1-Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
- 1.OA.B.3-Apply properties of operations as strategies to add and subtract. ${ }^{2}$ Examples: If $8+3=11$ is known, then $3+8=11$ is also known. (Commutative property of addition.) To add $2+6+4$, the second two numbers can be added to make a ten, so $2+6+4=2+10=12$. (Associative property of addition.)
- 1.OA.C. $6-$ Add and subtract within 20 , demonstrating fluency for addition and subtraction within 10 . Use strategies such as counting on; making ten (e.g., $8+6=8+2+$ $4=10+4=14$ ); decomposing a number leading to a ten (e.g., $13-4=13-3-1=10-1=9$ ); using the relationship between addition and subtraction (e.g., knowing that $8+4=12$, one knows $12-8=4$ ); and creating equivalent but easier or known sums (e.g., adding $6+7$ by creating the known equivalent $6+6+1=12+1=13$ ).
- 1.OA.D.8-Determine the unknown whole number in an addition or subtraction equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8+?=11,5=-3,6+6=$
- 1.NBT.C.4-Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.
- 1.NBT.C.6-Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 (positive or zero differences), using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
- 1.G.A.1-Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.
- 1.G.A.2-Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.


## 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.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

## Social and Intellectual Habits

## 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

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






 understanding of concepts.

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

***Please Do Not Reproduce Or Distribute Without Permission***

Domain:
$\mathbf{1 s t}^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

## 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 $y$.

| Self-regulation |  |
| :--- | :--- |
| of impulses and |  |
| emotional | Self-regulation of impulses and emotional reaction can be supported through the following standards: |
| reaction |  |
| SMP 1, 3 |  |

## 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.

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

***Please Do Not Reproduce Or Distribute Without Permission***
$\qquad$

| Domain: <br> Social and Intellectual Habits |  |
| :--- | :--- |
|  | Managing <br> attention and <br> behavior <br> SMP 1, 6 |

## 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.MP6 Attend to precision



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

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

## 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.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$\mathbf{1}^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

## 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.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.MP2 Reason abstractly and quantitatively.




 operations and objects.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$\mathbf{1}^{\text {st }}$ Grade Content Standard

## Social and Intellectual Habits

## 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.

## 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.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

## $\mathbf{1 s t}^{\text {st }}$ Grade Content Standard

## Social and intellectual Habits

## 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 $y$.

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




 They continually evaluate the reasonableness of their intermediate results.

| SMP ALL | Reasoning and problem solving | Reasoning and problem solving can be supported through the following standards: <br> - 1.NBT.C.5-Given a two-digit number, mentally find 10 more or 10 less than the nu <br> - 1.MD.C.4-Organize, represent, and interpret data with up to three categories; ask category, and how many more or less are in one category than in another. |
| :---: | :---: | :---: |
| CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them. |  |  |
| Mathemati conjecture forms of th transform equations, objects or make sens | oficient students the form and mea al problem in ord ic expressions or descriptions, tables, to help conceptu y can understand | art by explaining to themselves the meaning of a problem and looking for entry points ning of the solution and plan a solution pathway rather than simply jumping into a solutio to gain insight into its solution. They monitor and evaluate their progress and change ange the viewing window on their graphing calculator to get the information they need. , and graphs or draw diagrams of important features and relationships, graph data, and lize and solve a problem. Mathematically proficient students check their answers to prob he approaches of others to solving complex problems and identify correspondences be |

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$\mathbf{1 s t}^{\text {st }}$ Grade Content Standard
Social and Intellectual Habits

## 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.

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






 understanding of concepts.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain

$1^{\text {st }}$ Grade Content Standard

## Social and Intellectual Habits

## 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 $y$.

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




 They continually evaluate the reasonableness of their intermediate results.

| Symbolic <br> Representation <br> SMP $1,2,4,5,7$ | Symbolic representation | Symbolic representation can be supported through the following standards: <br> - 1.OA.D.7-Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false? $6=6,7=8-1,5+2=2+5,4+1=5+2$. <br> - 1.NBT.B.3-Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$. |
| :---: | :---: | :---: |
| CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them. |  |  |
| Mathematically conjectures abo forms of the ori transform algeb equations, verb objects or pictu make sense?" T | icient studen he form and m problem in expressions scriptions, ta o help concep can understand | t 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 ig 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 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, nge the viewing window on their graphing calculator to get the information they need. Mathematically proficient students can explain correspondences between 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 e and solve a problem. Mathematically proficient students check their answers to problems using a different method, and they continually ask themselves, "Does this approaches of others to solving complex problems and identify correspondences between different approaches. |

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

***Please Do Not Reproduce Or Distribute Without Permission***

## Domain:

$1^{\text {st }}$ Grade Content Standard

## Social and Intellectual Habits

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




 operations and objects.

## CSS.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.

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






 understanding of concepts.

## 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 $y$.

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

***Please Do Not Reproduce Or Distribute Without Permission***

## $1^{\text {st }}$ Grade Content Standard

Social and Intellectual Habits

## Pretend or <br> symbolic play

Pretend or symbolic play can be supported 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.MP2 Reason abstractly and quantitatively.




 operations and objects.

## 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.

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






 understanding of concepts.

## Domain:

## Social and Intellectual Habits

$1^{\text {st }}$ Grade Content Standard

## 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 $y$.

