

Habits Checklist

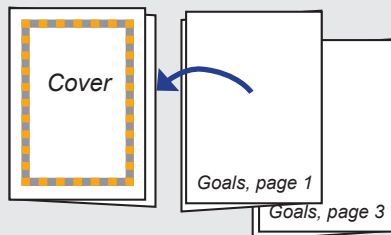
I am a star because...

- 1. I keep trying.
- 2. I use math symbols.
- 3. I explain my work.
- 4. I can use models.
- 5. I can use math tools.
- 6. I make my work neat and complete.
- 7. I can break problems into parts.
- 8. I try shortcuts.



Making a Leaflet

Fold all three sheets in half as shown. Put goal pages 1-4 within cover sheet and staple along left edge.

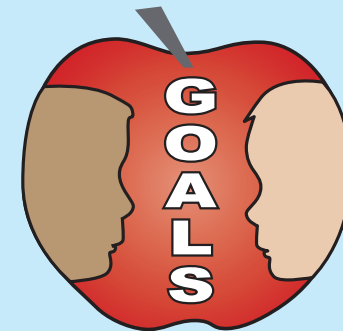


Name _____

COMMON CORE STATE STANDARDS

Grade 1 Math

“I Can” Math Goals



**Clear Goals Form the CORE
of the Grade 1 Math Program**

Courtesy of K-8 Math Sense for 2017-2018

Name _____

Class _____ Date _____



For each goal that has been mastered, mark the box and write the date.



OPERATIONS AND ALGEBRAIC THINKING

1 Represent and solve problems involving addition and subtraction.

- 1. I can add and subtract within 20 to solve word problems about combining or separating. _____
- 2. I can add and subtract within 20 to solve word problems about comparing. _____
- 3. I can use objects or drawings to represent word problems. _____
- 4. I can use equations to represent word problems. _____
- 5. I can add three numbers with sums to 20 to solve word problems. _____

2 Understand and apply properties of operations and the relationship between addition and subtraction.

- 1. I can apply the commutative property for addition. _____
- 2. I can apply the associative property when adding three numbers. _____
- 3. I can relate subtraction to finding a missing addend. _____

3 Add and subtract within 20.

- 1. I can relate counting on or back to adding or subtracting 1 or 2. _____
- 2. I can relate counting on or back to adding or subtracting 3. _____
- 3. I can add fluently within 10. _____
- 4. I can subtract fluently within 10. _____
- 5. I can find sums greater than 10 by decomposing to make 10. _____

Name _____

- 6. I can subtract from numbers greater than 10 by decomposing to make 10. _____
- 7. I can subtract by recalling addition facts. _____
- 8. I can add within 20 (using various strategies). _____
- 9. I can subtract within 20 (using various strategies). _____

4 Work with addition and subtraction equations.

- 1. I can determine if equations involving addition and/or subtraction are true or false. _____
- 2. I can find a missing number in an addition equation. _____
- 3. I can find a missing number in a subtraction equation. _____



NUMBER AND OPERATIONS IN BASE TEN

1 Extend the counting sequence.

- 1. I can count to 120, starting at any number less than 120. _____
- 2. I can read and write numbers to 120. _____
- 3. I can represent a number of objects to 120 with a written numeral. _____

2 Understand place value.

- 1. I can understand that the two digits of a two-digit number represent amounts of tens and ones. _____
- 2. I can understand how to represent numbers from 11 to 19 as a 10 and ones. _____
- 3. I can understand that 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to tens with no ones. _____
- 4. I can compare numbers to 20 using the symbols $>$, $=$, and $<$. _____
- 5. I can compare two 2-digit numbers using the symbols $>$, $=$, and $<$. _____

3 Use place value understanding and properties of operations to add and subtract.

1. I can add within 100 using models or drawings. _____
2. I can add a two-digit number and a one-digit number. _____
3. I can add a two-digit number and a multiple of 10. _____
4. I can add two two-digit numbers, with or without composing a ten. _____
5. I can mentally find 10 more or 10 less than any two-digit number. _____
6. I can subtract with multiples of 10 using models or drawings. _____
7. I can subtract with multiples of 10 using place value. _____
8. I can subtract with multiples of 10 by relating to addition. _____

**GEOMETRY****1** Reason with shapes and their attributes.

1. I can sort shapes by a defining attribute such as the number of sides. _____
2. I can draw shapes with a given defining attribute. _____
3. I can combine two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) to create a composite shape. _____
4. I can combine three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape. _____

5. I can partition circles and rectangles into two and four equal shares. _____
6. I can describe shares of wholes using the words halves, fourths, and quarters. _____

**MEASUREMENT AND DATA****1** Measure lengths indirectly and by iterating length units.

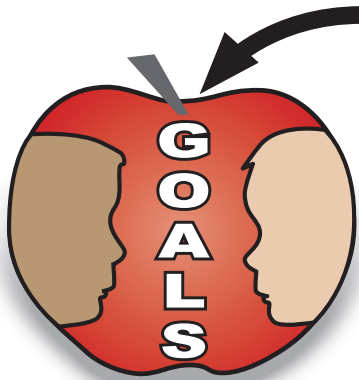
1. I can order three objects by length. _____
2. I can compare the lengths of two objects indirectly by using a third object. _____
3. I can repeat a short object end-to-end to measure a longer object. _____
4. When measuring, I know that there cannot be gaps or overlaps. _____

2 Tell and write time.

1. I can tell and write time in hours using analog clocks. _____
2. I can tell and write time in half-hours using analog clocks. _____
3. I can tell and write time in hours and half-hours using digital clocks. _____

3 Represent and interpret data.

1. I can organize and represent data with up to three categories. _____
2. I can interpret data with up to three categories. _____



Clear Goals Form the **CORE** of a Sensible Math Program

ALIGN • COMMUNICATE • USE GAMES • ASSESS & TRACK

- 1** How can you **ALIGN** goals to the math standards?
- 2** How can you effectively **COMMUNICATE** the goals?
- 3** How can you **USE GAMES** to help students meet the goals?
- 4** How can you **TRACK** students' progress towards mastering the goals?

*Resources from **K-8 Math Sense** will help you
and your students achieve the year's goals.*

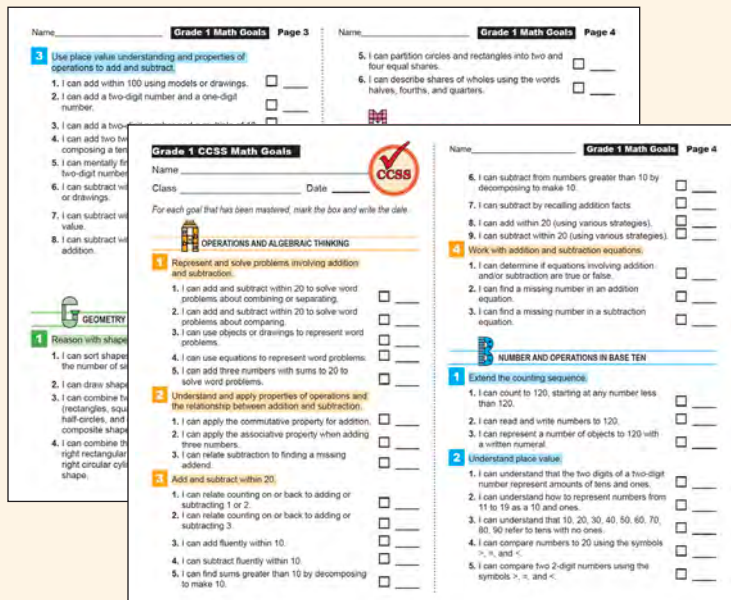




How can you **ALIGN** goals to the math standards?



FREE Math Goal Leaflets



The goals in the FREE leaflets were written to match the Common Core standards with student-friendly language. These goals form the basis of all other resources by Angie Seltzer from K-8 Math Sense.

Domain Colors and Letters

A	OPERATIONS AND ALGEBRAIC THINKING
B	NUMBER AND OPERATIONS IN BASE TEN
G	GEOMETRY
M	MEASUREMENT AND DATA

Correlations to Common Core

These tables show alignment of the goals to the Common Core standards. The shaded rows show codes for CCSS cluster statements. If your district has its own standards, fill in the numbers in the right column.

GOAL	CCSS
1-A1	1.OA.A
1-A11	1.OA.1
1-A12	1.OA.1
1-A13	1.OA.1
1-A14	1.OA.1
1-A15	1.OA.2
1-A2	1.OA.B
1-A21	1.OA.3
1-A22	1.OA.3
1-A23	1.OA.4
1-A3	1.OA.C
1-A31	1.OA.5
1-A32	1.OA.5
1-A33	1.OA.6
1-A34	1.OA.6
1-A35	1.OA.6
1-A36	1.OA.6
1-A37	1.OA.6
1-A38	1.OA.6
1-A39	1.OA.6
1-A4	1.OA.D
1-A41	1.OA.7
1-A42	1.OA.8
1-A43	1.OA.8

GOAL	CCSS
1-B1	1.NBT.A
1-B11	1.NBT.1
1-B12	1.NBT.1
1-B13	1.NBT.1
1-B2	1.NBT.B
1-B21	1.NBT.2a
1-B22	1.NBT.2b
1-B23	1.NBT.2c
1-B24	1.NBT.3
1-B25	1.NBT.3
1-B3	1.NBT.C
1-B31	1.NBT.4
1-B32	1.NBT.4
1-B33	1.NBT.4
1-B34	1.NBT.4
1-B35	1.NBT.5
1-B36	1.NBT.6
1-B37	1.NBT.6
1-B38	1.NBT.6

GOAL	CCSS
1-G1	1.G.A
1-G11	1.G.1
1-G12	1.G.1
1-G13	1.G.2
1-G14	1.G.2
1-G15	1.G.3
1-G16	1.G.3
1-M1	1.MD.A
1-M11	1.MD.1
1-M12	1.MD.1
1-M13	1.MD.2
1-M14	1.MD.2
1-M2	1.MD.B
1-M21	1.MD.3
1-M22	1.MD.3
1-M23	1.MD.3
1-M3	1.MD.C
1-M31	1.MD.4
1-M32	1.MD.4



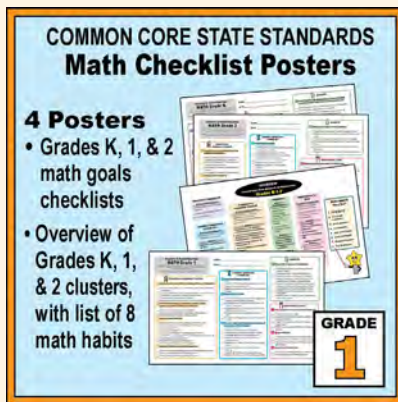


How can you effectively **COMMUNICATE** the goals?



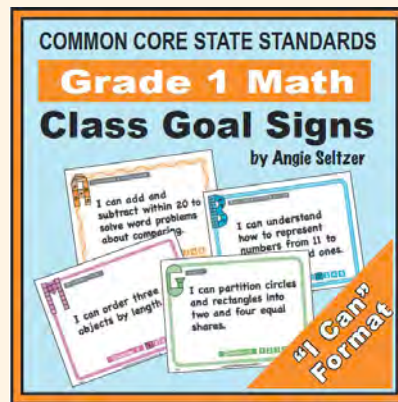
Common Core Math Communication **BUNDLE**

Get four resources for displaying and discussing Grade 1 math goals.



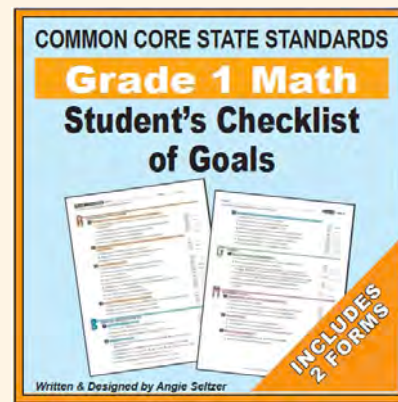
CHECKLIST POSTERS

All Grade 1 goals are on one 11" by 17" poster. Also includes posters for the prior and next grades.



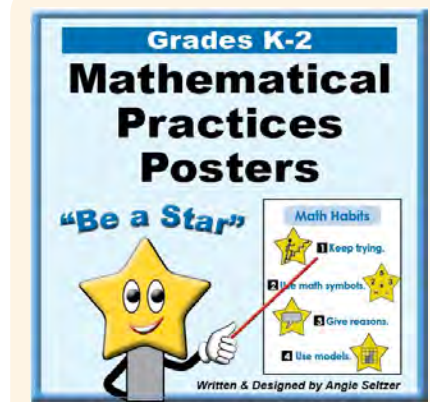
CLASS GOAL SIGNS

Each goal is a separate 8.5" by 11" sign. Display a goal each day. Add your own custom goals.



STUDENT'S CHECKLIST

All Grade 1 goals are on two 8.5" by 11" pages. Keep in students' folders. Choose from two layouts.



MATH PRACTICES POSTERS & MINI BOOK

Display a sign for each practice, in student-friendly language. Help your kids become stars in math.

What teachers are saying...

- "This is a terrific product - very thorough and HIGH quality."
- "Thanks for all the parts to ensure students are mastering the standards."
- "This is a great product that makes teaching easier."



PRICE: \$9.95
PAGES: 104

Written and designed by Angie Seltzer
www.k8mathsense.com



How can you **USE GAMES** to help students meet the goals?



Multi-Match Math Games BUNDLE

OVERVIEW

This bundle includes 12 card sets aligned to key Grade 1 goals. Card sets are quick-prep – just print 5 sheets of paper, cut, and play! You'll also get a Games Guide with instructions for four games in English and Spanish. Play the games with any card set.

PRICE: \$9.50

PAGES: 130



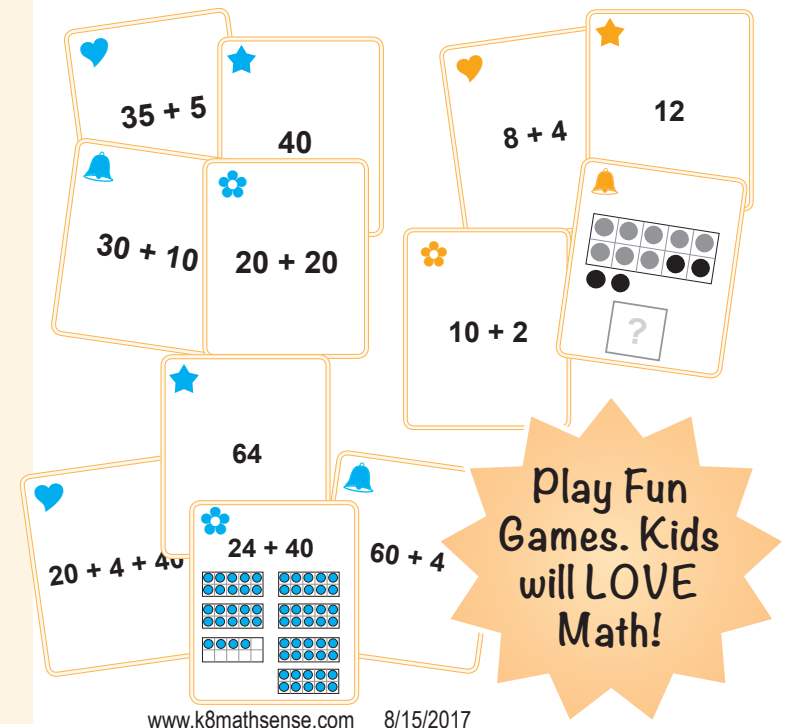
FEATURES OF EACH SET

- 36 math cards as 9 groups of four cards, one from each of four suits
- A recording sheet and answer key
- A handy folding card storage pocket
- Brief instruction cards for four games
- Perfect to use in a math center, by partners or groups
- Great for emphasizing Common Core MP standards

Goal	Grade 1 Card Sets
1-A21	A Addition Facts: Commutative Property
1-A23	A FREE Fact Families for Doubles
1-A35	A Adding with 8 or 9 by Making 10
1B21	B Understanding Tens and Ones
1-B22	B Understanding 11-19 Using Coins
1-B23	B Understanding Tens
1-B32	B Adding a 2-Digit and a 1-Digit Number
1-B33	B Adding Tens to a 2-Digit Number
1-B34	B Addition With No Renaming
1-B34	B Adding 2-Digit Numbers with Tens and Fives
1-G13	G Composite Two-Dimensional Shapes
1-M23	M Time in Hours and Half-Hours

What teachers are saying...

- “Looking forward to this. It’s so organized!”
- “Such a fun way to practice math skills!! Very nice graphics, too!”
- “Great bundle. Students really enjoy using them and I like how versatile they are.”
- ”Fantastic product, as always!!”
- “Love the bundles.”

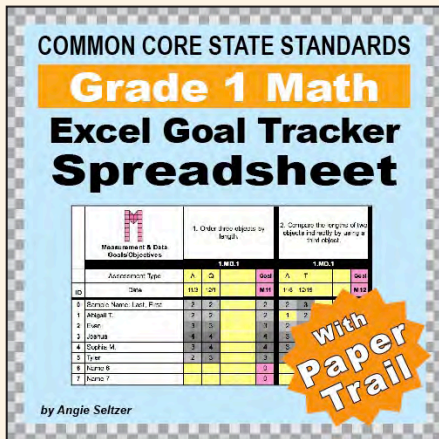




How can you TRACK students' progress towards mastering the goals?

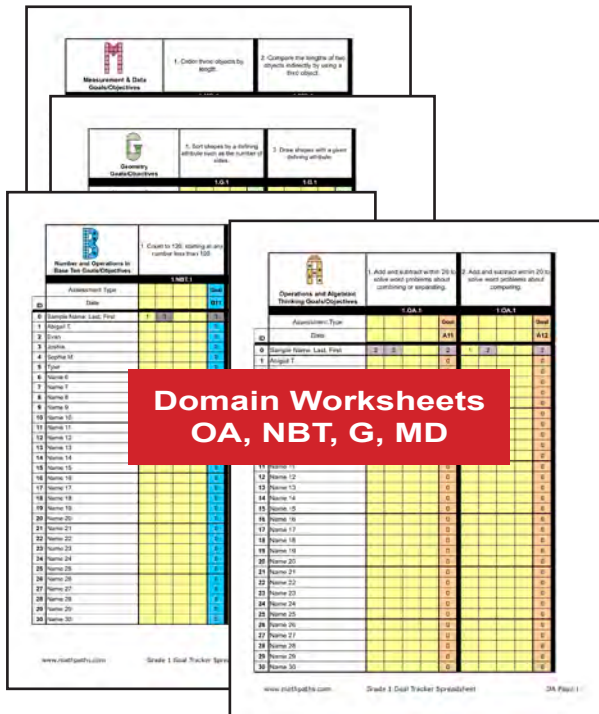


EXCEL Goal Tracker Spreadsheet



OVERVIEW

This product provides the tools you need to easily plan and track progress of all 51 Grade 1 math goals using Excel. An interactive Preview is available.



Domain Worksheets
OA, NBT, G, MD

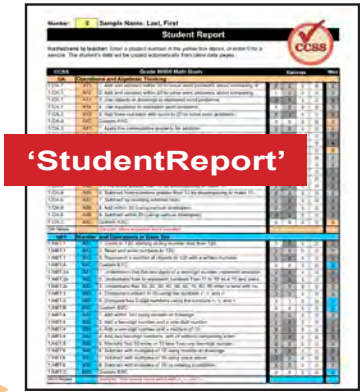
What teachers are saying...
"This is so helpful!"
"This method of organization tracks mastery of CC standards for each student. Saves me lots of time. Many thanks!"
"This is a great tool for keeping on track!"

FEATURES

- Tabbed worksheets for each domain show all goals and space for custom goals.
- Enter up to 30 students' names on one sheet and they are automatically copied to the other sheets.
- Record progress four times for each goal. Entries are shaded so you can see mastery levels at-a-glance.
- The "Paper Trail" is a quick way to document class progress on any goal.
- View class summaries for each goal or all progress for one student.
- Comes with a 67-page PDF of all Excel pages.



Document Progress for a Class of 30 Students



PRICE: \$9.95
PAGES: 67