

Habits Checklist

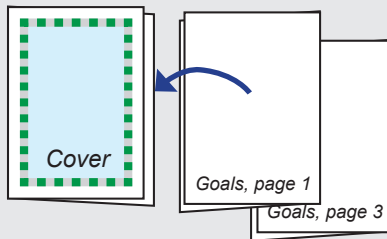
I am a star because...

- 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.



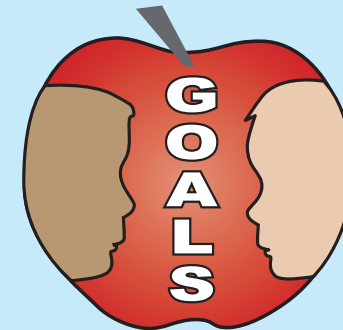
Grade 2 Math “I Can” Goals Leaflet (Published 08/08/2014 & Updated 08/17/2017)
Copyright © K-8 Math Sense, 549 Acorn Drive, Oakwood, Ohio 45419. Written and illustrated by Angie Seltzer. Teachers and schools have permission to distribute to teachers, parents, students, and staff for noncommercial use. Highlighted cluster statements and Standards for Mathematical Practice © 2010 by National Governors Association Center for Best Practices and Council of Chief State School Officers. All Rights Reserved. Find out about related resources at www.k8mathsense.com.

Name _____

COMMON CORE STATE STANDARDS

Grade 2 Math

“I Can” Math Goals



**Clear Goals Form the CORE
of the Grade 2 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 100 to solve word problems about combining or separating. _____
- 2. I can add and subtract within 100 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. _____

2 Add and subtract within 20.

- 1. I can fluently add within 20 using mental strategies. _____
- 2. I can fluently subtract within 20 using mental strategies. _____
- 3. I know from memory all sums of two one-digit numbers. _____

3 Work with equal groups of objects to gain foundations for multiplication.

- 1. I can find out if a group of up to 20 objects is even or odd. _____
- 2. I can express an even number as a sum of two equal addends. _____
- 3. I can add to find the number shown by an array with up to 5 rows and 5 columns. _____
- 4. I can write an equation for an array as a sum of equal addends. _____

Name _____



NUMBER AND OPERATIONS IN BASE TEN

1 Understand place value.

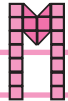
- 1. I understand that a three-digit number represents hundreds, tens, and ones. _____
- 2. I understand that a hundred is 10 tens. _____
- 3. I understand that 100, 200, and so on refer to hundreds with 0 tens and 0 ones. _____
- 4. I can count by 5s, 10s, and 100s within 1000. _____
- 5. I can read and write numbers to 1000. _____
- 6. I can represent numbers to 1000 as written numerals. _____
- 7. I can write numbers to 1000 in expanded form. _____
- 8. I can compare two 3-digit numbers using the symbols $>$, $=$, and $<$. _____

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

- 1. I can fluently add within 100 using various strategies. _____
- 2. I can fluently subtract within 100 using various strategies. _____
- 3. I can add up to four 2-digit numbers using various strategies. _____
- 4. I can add within 1000 using models or drawings. _____
- 5. I can add within 1000 using place value strategies. _____
- 6. I can subtract within 1000 using models or drawings. _____
- 7. I can subtract within 1000 using place value strategies. _____
- 8. I can mentally find 10 or 100 more or less than any three-digit number. _____
- 9. I can explain why addition and subtraction strategies work. _____

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

1. I can draw shapes having a given number of angles or sides. _____
2. I can identify triangles, quadrilaterals, pentagons, hexagons, and cubes. _____
3. I can partition a rectangle into squares and count the squares. _____
4. I can partition circles and rectangles into two, three, or four equal shares. _____
5. I can describe shares using the words halves, thirds, half of, a third of, etc. _____
6. I recognize that equal shares need not have the same shape. _____

**MEASUREMENT AND DATA****1 Measure and estimate lengths in standard units.**

1. I can measure in inches, feet, centimeters, and meters. _____
2. I can measure an object with two units and relate the measurements to the unit size. _____
3. I can estimate lengths in inches, feet, centimeters, and meters. _____
4. I can measure to find out how much longer one object is than another. _____

2 Relate addition and subtraction to length.

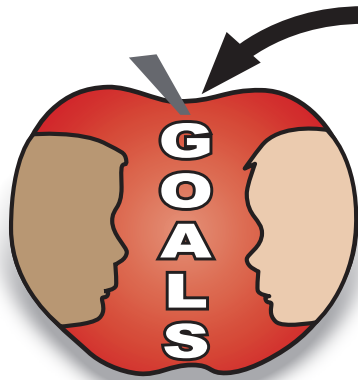
1. I can use drawings and equations to solve word problems involving lengths. _____
2. I can represent sums and differences within 100 on a number line diagram. _____

3 Work with time and money.

1. I can tell and write time to the nearest five minutes. _____
2. I can write times using a.m. and p.m. _____
3. I can solve word problems involving dollar bills and coins, using \$ and ¢ symbols. _____

4 Represent and interpret data.

1. I can make a line plot of measurement data, measured to nearest whole unit. _____
2. I can draw a bar graph with up to four categories. _____
3. I can draw a picture graph with up to four categories. _____
4. I can add or subtract to solve problems about data presented in a bar graph. _____



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.*

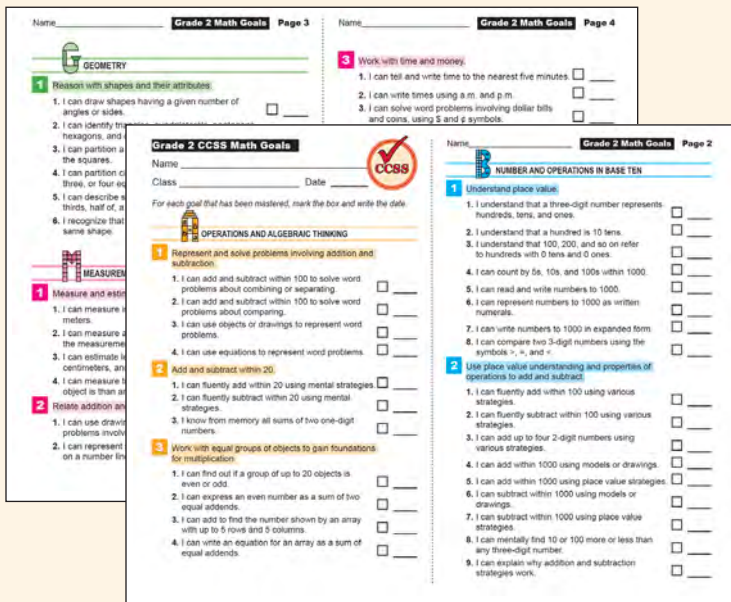




How can you **ALIGN** goals to the math standards?



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

GOAL	CCSS
2-A1	2.OA.A
2-A11	2.OA.1
2-A12	2.OA.1
2-A13	2.OA.1
2-A14	2.OA.1
2-A2	2.OA.B
2-A21	2.OA.2
2-A22	2.OA.2
2-A23	2.OA.2
2-A3	2.OA.C
2-A31	2.OA.3
2-A32	2.OA.3
2-A33	2.OA.4
2-A34	2.OA.4

GOAL	CCSS
2-B1	2.NBT.A
2-B11	2.NBT.1
2-B12	2.NBT.1a
2-B13	2.NBT.1b
2-B14	2.NBT.2
2-B15	2.NBT.3
2-B16	2.NBT.3
2-B17	2.NBT.3
2-B18	2.NBT.4
2-B2	2.NBT.B
2-B21	2.NBT.5
2-B22	2.NBT.5
2-B23	2.NBT.6
2-B24	2.NBT.7
2-B25	2.NBT.7
2-B26	2.NBT.7
2-B27	2.NBT.7
2-B28	2.NBT.8
2-B29	2.NBT.9

GOAL	CCSS
2-G1	2.G.A
2-G11	2.G.1
2-G12	2.G.1
2-G13	2.G.2
2-G14	2.G.3
2-G15	2.G.3
2-G16	2.G.3
2-M1	2.MD.A
2-M11	2.MD.1
2-M12	2.MD.2
2-M13	2.MD.3
2-M14	2.MD.4
2-M2	2.MD.B
2-M21	2.MD.5
2-M22	2.MD.6
2-M3	2.MD.C
2-M31	2.MD.7
2-M32	2.MD.7
2-M33	2.MD.8
2-M4	2.MD.D
2-M41	2.MD.9
2-M42	2.MD.10
2-M43	2.MD.10
2-M44	2.MD.10

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.



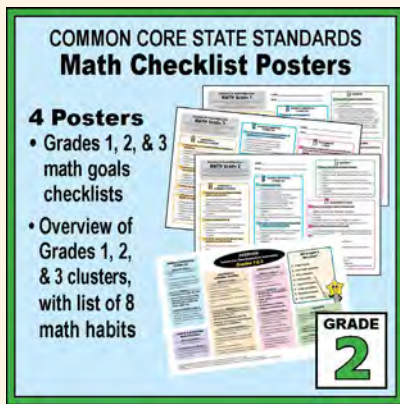


How can you effectively **COMMUNICATE** the goals?



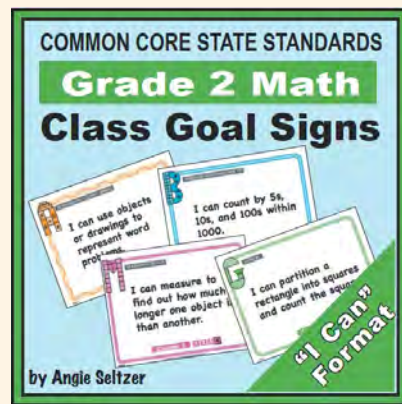
Common Core Math Communication **BUNDLE**

Get four resources for displaying and discussing Grade 2 math goals.



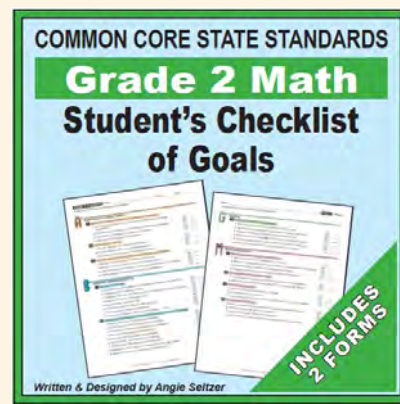
CHECKLIST POSTERS

All Grade 2 goals are on one 11" by 17" poster. Also includes posters for the prior and next grades.



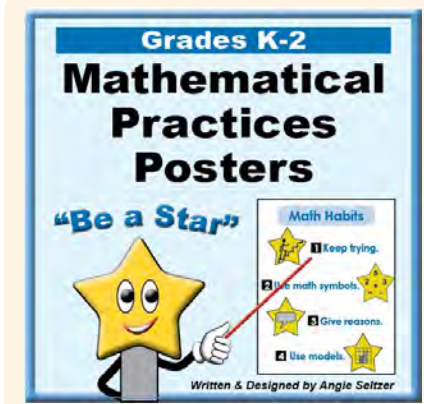
CLASS GOAL SIGNS

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 2 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...

"Just what I was looking for. Thanks for all of the work you put into this."

"So very useful. I use this in my weekly planning."

"Excellent Resources!"



PRICE: \$9.95
PAGES: 98

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 10 card sets aligned to key Grade 2 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: \$7.95
PAGES: 117

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 2 Card Sets
2-A32	A Even Numbers as Equal Addends
2-A34	A FREE Arrays of Equal Addends
2-B13	B Understanding Hundreds
2-B15	B Read & Write Numbers to 1000
2-B17	B 3-Digit Numbers in Expanded Form
2-B28	B Finding 10 or 100 More or Less
2-G13	G Square Parts in Rectangles
2-G15	G Halves, Thirds, Fourths, and Fifths
2-M31	M Time After the Hour
2-M31	M Time Before the Hour

What teachers are saying...

"Great bundle. Students really enjoy using them and I like how versatile they are."

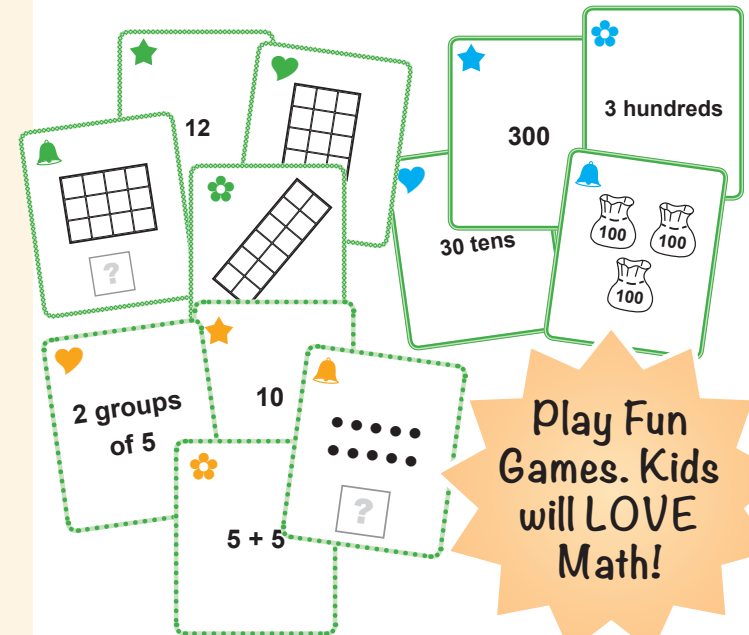
"My students loved these games!"

"Thanks. Worked well."

"Such a fun way to practice math skills!! Very nice graphics, too!"

"Great idea. My students love them. Thank you."

"Just what I needed! Thanks!"



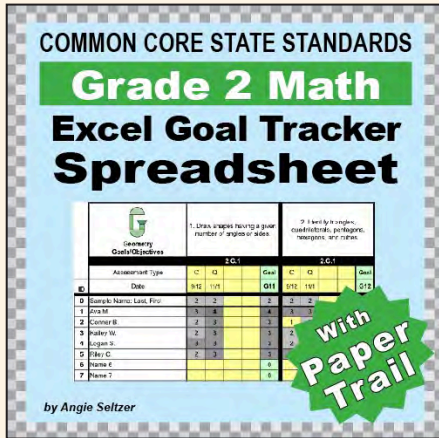
Play Fun Games. Kids will LOVE Math!



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



EXCEL Goal Tracker Spreadsheet

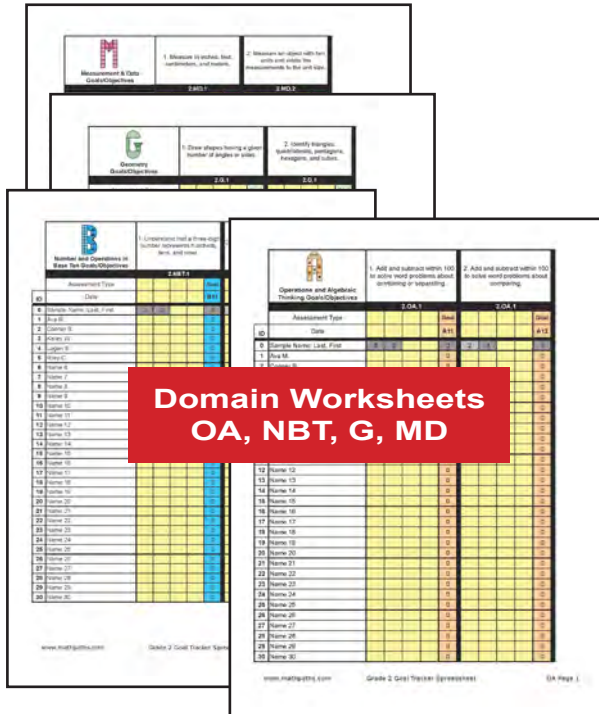


OVERVIEW

This product provides the tools you need to easily plan and track progress of all 47 Grade 2 math goals using Excel. An interactive Preview is available.

FEATURES

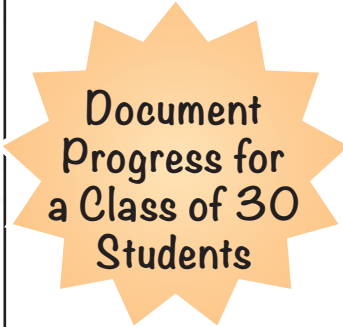
- Tabbed worksheets for each domain show all goals and space for custom goals.
- Enter up to 30 students' names on one sheet and they are automatically copied to the other sheets.
- Record progress four times for each goal. Entries are shaded so you can see mastery levels at-a-glance.
- The "Paper Trail" 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 66-page PDF of all Excel pages.



Domain Worksheets
OA, NBT, G, MD



'PaperTrail' Class
Goal Assessments

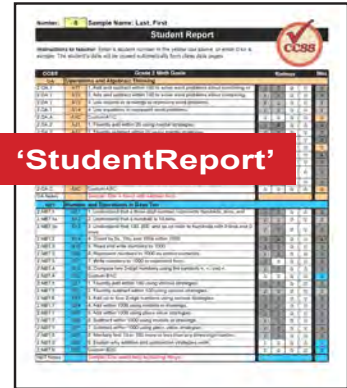


What teachers are saying...

"Love this tool for tracking Common Core! Wish you had one for ELA!"

"Another great product from this incredible teacher and author. Good tool for accountability!"

"Superb"



'StudentReport'

PRICE: \$9.95
PAGES: 66