Rocket Math

So every student can enjoy math success!

Rocket Math®

Online Game

2022-23 PRODUCT CATALOG

Order online at www.rocketmath.com

Rocket Math is a highlight of our day... increased automaticity in math calculations beyond what I could have imagined... fun while learning math facts... produces results, that others do not.

BRIDGETT W., WHEELER ELEMENTARY, WHEELER, TEXAS

I was using Xtra math, but now my students are in love with Rocket Math!

TAMMY S., MIDDLE SCHOOL INTERVENTION TEACHER SOMERSET, WI

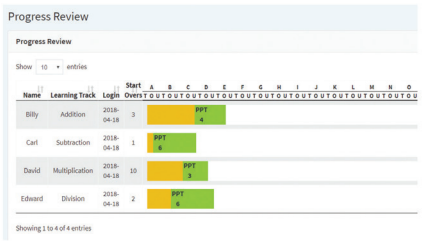
My class cheers each day when I say it's time to do Rocket Math.

S. VENTURA, WEST TOWNSEND, MA

Online Game Subscriptions for Students

Give us 10 minutes per day and we'll give you . . . MATH MASTERY!

Children can't help but learn their math facts from playing this game.



Monitor student progress from parent/teacher account.

This game actually teaches!

Students are motivated by their success.

COMPLIMENTARY 30-DAY INITIAL SUBSCRIPTION *

LOGIN/PLAY ON ANY BROWSER OR DEVICE

Choose from 16 Learning Tracks

You can be placed into one of 16 learning tracks: the basic 1s through 9s for add, subtract, multiply or divide, but also Add to 20, Subtract from 20, Fact Families, and 10s-11s-12s.

So intense you'll need a break

This game is very intense. If you are able to play for ten or 15 minutes, you have to take a 20-minute break, even if you want to keep playing.

Watch your 1-minute RACE scores improve

Get proof that your math fact fluency is improving as you learn.

Our cast of funny voices may crack you up

Each time you pass one of the 78 steps a different character will congratulate you!

You'll be proud of your accomplishments

Within each Learning Track there are 26 levels, A to Z, and each level has three achievements; the Take-Off, achieving Orbit, and going into the Universe.

Get instant help and corrections

Any time you can't answer a fact in 3 seconds, the problem and answer are given by Mission Control, and you have to prove you've learned it.

Move up the A to Z levels

Pass a level and watch its tile explode to reveal your Rocket Ship.

Can you earn a fluency promotion?

Do well enough in a 1-minute RACE and you can be skipped ahead!

*** CAN BE EXTENDED UPON REQUEST. CONTACT DR. DON.**

Call toll-free: 888-488-4854 • www.rocketmath.com

Dr. Don Crawford, don@rocketmath.com • 14435 SE Donatello Loop, Happy Valley, OR 97086

Online Game has Many Learning Tracks

This is the automatic sequence of Learning Tracks:

1. First to third grade students should begin with Addition.

2. Fourth grade and above may want to begin with Multiplication and come back to Addition later.

3. The teacher can assign students to a different Learning Track at any time.

1. Addition

$\begin{array}{r} 1 \\ +\,1 \\ \hline 2 \end{array}$ $\begin{array}{r} 4 \\ +\,3 \\ \hline 7 \end{array}$ $\begin{array}{r} 7 \\ +\,5 \\ \hline 12 \end{array}$ $\begin{array}{r} 9 \\ +\,9 \\ \hline 18 \end{array}$

2. Subtraction

$\begin{array}{r} 2 \\ -\,1 \\ \hline 1 \end{array}$ $\begin{array}{r} 6 \\ -\,4 \\ \hline 2 \end{array}$ $\begin{array}{r} 13 \\ -\,5 \\ \hline 8 \end{array}$ $\begin{array}{r} 18 \\ -\,9 \\ \hline 9 \end{array}$

3. Add-Subtract Fact Families to 10

$\begin{array}{r} 6 \\ +\,4 \\ \hline 10 \end{array}$ $\begin{array}{r} 10 \\ -\,4 \\ \hline 6 \end{array}$ $\begin{array}{r} 4 \\ +\,6 \\ \hline 10 \end{array}$ $\begin{array}{r} 10 \\ -\,6 \\ \hline 4 \end{array}$

4. Add-Subtract Fact Families from 11

$\begin{array}{r} 7 \\ +\,5 \\ \hline 12 \end{array}$ $\begin{array}{r} 12 \\ -\,5 \\ \hline 7 \end{array}$ $\begin{array}{r} 5 \\ +\,7 \\ \hline 12 \end{array}$ $\begin{array}{r} 12 \\ -\,7 \\ \hline 5 \end{array}$

5. Add to 20

$\begin{array}{r} 11 \\ +\,1 \\ \hline 12 \end{array}$ $\begin{array}{r} 3 \\ +14 \\ \hline 17 \end{array}$ $\begin{array}{r} 16 \\ +\,2 \\ \hline 18 \end{array}$ $\begin{array}{r} 9 \\ +11 \\ \hline 20 \end{array}$

6. Subtract from 20

$\begin{array}{r} 12 \\ -\,1 \\ \hline 11 \end{array}$ $\begin{array}{r} 15 \\ -\,2 \\ \hline 13 \end{array}$ $\begin{array}{r} 18 \\ -\,4 \\ \hline 14 \end{array}$ $\begin{array}{r} 20 \\ -\,3 \\ \hline 17 \end{array}$

7. Multiplication

$\begin{array}{r} 1 \\ \times\,1 \\ \hline 1 \end{array}$ $\begin{array}{r} 4 \\ \times\,3 \\ \hline 12 \end{array}$ $\begin{array}{r} 7 \\ \times\,8 \\ \hline 56 \end{array}$ $\begin{array}{r} 9 \\ \times\,9 \\ \hline 81 \end{array}$

8. Division

$2\overline{)4}$ $7\overline{)21}$ $6\overline{)48}$ $9\overline{)81}$

9. Mult-Divide Fact Families to 20

$\begin{array}{r} 4 \\ \times\,5 \\ \hline 20 \end{array}$ $4\overline{)20}$ $\begin{array}{r} 5 \\ \times\,4 \\ \hline 20 \end{array}$ $5\overline{)20}$

10. Mult-Divide Fact Families from 21

$\begin{array}{r} 7 \\ \times\,3 \\ \hline 21 \end{array}$ $7\overline{)21}$ $\begin{array}{r} 3 \\ \times\,7 \\ \hline 21 \end{array}$ $3\overline{)21}$

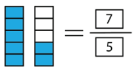
11. Multiplication 10s-11s-12s

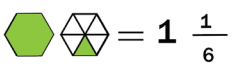
$\begin{array}{r} 10 \\ \times\,2 \\ \hline 20 \end{array}$ $\begin{array}{r} 11 \\ \times\,3 \\ \hline 33 \end{array}$ $\begin{array}{r} 5 \\ \times 12 \\ \hline 60 \end{array}$ $\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$

12. Division 10s-11s-12s

$10\overline{)40}$ $12\overline{)72}$ $7\overline{)77}$ $12\overline{)120}$

13. Identifying Fractions





14. Equivalent Fractions

$\frac{6}{10} = \frac{3}{5}$ $\frac{7}{8} = \frac{7}{8}$ $\frac{9}{9} = 1$

15. Factors & Primes

Factors of 36
1 x 36 4 x 9
2 x 18 6 x 6√
3 x 12

Factors of 17
1 x 17√

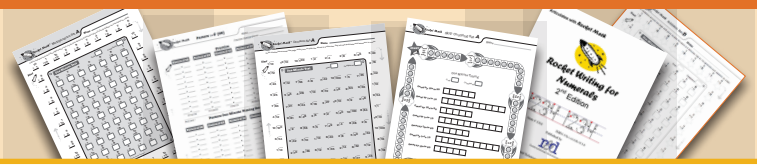
Factors of 24
1 x 24 4 x 6
2 x 12
3 x 8

16. Fraction & Decimal Equivalents

$10\overline{)3} = \frac{3}{10}$ $\frac{1}{3} = \frac{33\frac{1}{3}}{100}$ $\frac{7}{8} = 0.875$

Worksheet Program

Access your *Rocket Math* Black Line Masters from your filing cabinet on the web!



Basic Level Subscription

Basic 4 Operations

Addition, Subtraction, Multiplication, and Division

Subscription includes access to: 400 pages of daily practice pages A–Z for all four operations, daily one-minute tests, answer keys, placement tests, progress monitoring tests, award certificates, writing speed test, goal sheet, individual graph, rocket charts for students, and extensive teacher directions.

Universal Level Subscription

Basic 4 Operations

Addition, Subtraction, Multiplication, and Division

Beginning Numerals (counting objects)

Supports teacher-led instruction in I Do, We Do, You Do format for kindergarten students counting objects and matching the answer to the numeral.

Rocket Writing for Numerals

A set of 72 sequenced, structured number writing practice worksheets. Students learn how to form numerals correctly and practice until fluent. Four levels of practice and concise language prompt for how to form numerals.

Conceptual Addition

Supports teacher-led instruction in I Do, We Do, You Do format for kindergarten students in learning to do addition by counting objects and learning to "count on" from a number to solve addition problems.

Add to 20 (e.g., 13+6, 4+11, 15+5)

The rest of the addition facts that the Common Core suggests students be able to compute mentally. After mastering the 1s through 9s, these are easy to master but students still need practice to commit them to memory.

Subtract from 20 (e.g., 18-15, 15-5, 19-8)

The rest of the Subtraction facts that the Common Core suggests students be able to compute mentally. After mastering the 1s through 9s, these are easy to master but students still need practice to commit them to memory.

Add-Subtract Fact Families to 10 and from 11

Students learn facts in families to 10 such as $4 + 6$, $6 + 4$, $10 - 4$, $10 - 6$ and from 11 such as $5 + 6$, $6 + 5$, $11 - 5$, $11 - 6$. Either learn this way initially or use as a review.

Skip Counting—Count-by Series

Students practice skip counting orally with their partner, then take a 1 minute test on the sets they've learned. Teaches skip counting by 10s, 2s, 5s, 9s, 4s, 25s, 3s, 8s, 7s, and 6s (in that order). Great introduction to multiplication!

Multiply-Divide Fact Families to 20 and from 21

Students learn facts in families to 20 such as 4×5, 5×4, $20 \div 4$, $20 \div 5$ and from 21 such as 7×3, 3×7, $21 \div 7$, $21 \div 3$. Either learn this way initially or use as a review.

10s, 11s, 12s Multiplication & Division

After the 1s through 9s are mastered. The same *Rocket Math* process, worksheets and routines but with the 10s, 11s and 12s. Includes cumulative review of the 1s through 9s while introducing the 10s, 11s, and 12s.

Learning Addition Computation
Learning Subtraction Computation
Learning Multiplication Computation

10-15 minutes per lesson. Each program teaches computation by breaking it down into small, easy-to-learn steps that are numbered in a teaching sequence that leaves nothing to chance. Consistent language of instruction provide for easy tutoring. Five worksheets per skill. Each worksheet provides new learning examples and review of previous skills.

Identifying Fractions

A program to ensure that students have a correct and fluent understanding of proper fractions, improper fractions and mixed numbers. Prevents misunderstandings before they begin!

Equivalent Fractions

Students need to know equivalent fractions such as $6/8 = ¾$ and $4/12 = 1/3$. When they do, they will remember to "reduce to simplest form." Students learn 100 common equivalent fractions using a fraction number line to help with the concept.

Learning to Add Integers, Learning to Subtract Integers, Mixed Integers

Pre-Algebra Skill. Practice and learn how to add, then subtract, and then do both with positive and negative numbers. Students learn more intuitively by using vertical number lines to find the answer. Online lessons demonstrate how. Then typical Rocket Math paired practice to learn each pattern until fluent.

Factors

Students learn how to quickly and reliably find ALL the factors for common numbers. Same process, worksheets and routines as *Rocket Math.*

Dictating Sentences (Rocket Spelling)

Spelling program in which students are asked to write an entire sentence from memory. It is challenging practice, and does a lot to help students develop automaticity with spelling which will improve writing.

Change your mind after getting a basic subscription? No problem to upgrade

Rocket Math Worksheet Program

Teacher Subscription Options

BASIC ONLY WORKSHEET

Rocket Math

INDIVIDUAL OR MULTI-TEACHER

Basic Level Subscriptions

Only 4 basic operations
(add, sub, mult, div) 1s-9s

#2000 Individual

#2301 3-teacher Basic

#2302 6-teacher Basic

#2304 20-teacher Basic

#2303 50-teacher Basic

UNIVERSAL WORKSHEET

Rocket Math

INDIVIDUAL OR MULTI-TEACHER

Universal Level Subscriptions

All programs including basic 4 operations

#1001 60-day trial

#2001 Individual Universal

#2401 3-teacher Universal

#2402 6-teacher Universal

#2403 20-teacher Universal

#2403 50-teacher Universal

#2408 100-teacher Universal

#2407 200-teacher Universal

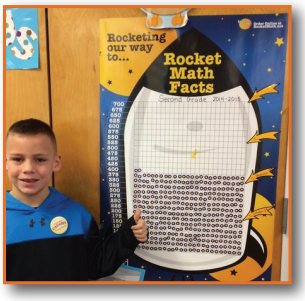
SUBSCRIPTIONS FOR ALL YOUR TEACHERS FOR LESS

Motivation Products

Super Hero *Rocket Math* Cape

Students are ready to blast off into the ***Rocket Math*** Universe with an out-of-this-world screen printed cape—a great motivational tool for a ***Rocket Math*** Super Hero!

#2019 **Super Hero *Rocket Math* Cape** Comes in two sizes: 24" small or 38" large same low price



Rocket Math Wall Chart

Use this colorful chart to motivate your students! Each time a student passes a level in Rocket Math they earn a sticker and the right to parade up and up and put it on this 24" by 36" Wall Chart. As the class fills row after row their success is demonstrated graphically. Use the arrows to set a goal of filling a set number of rows in a month and then reward the whole class! Over 700 star stickers are included, as well as four goal arrows and directions.

#2005 **Wall Chart (single)** with stickers, arrows, & directions

#2006 **Wall Charts (dozen)** with stickers, arrows, & directions

Official *Rocket Math* Brag Tags Class set (25 each) Level L and Z and 4" chains

Class Set Brag Tags #4035-4038
25 each: Level "L," Level "Z" and 4-inch chains
Choose: Add, Subtract, Multiply or Divide

Individual Brag Tags #4005-4008
One each: an "L," a "Z" and a 4-inch chain
Choose: Add, Subtract, Multiply or Divide

These class sets of 25 brag tags and chains are offered as a convenience for people who want to include this on a Rocket Math order. Dr. Don is keeping some on hand and will mail these out in first class mail. These official Rocket Math Brag Tags are also available directly from School Life.

#4035 **Addition,** *#4036* **Subtraction,**
#4037 **Multiplication or** *#4038* **Division**

Individual (1 each) *Rocket Math* Level L and Z Brag Tag and chain

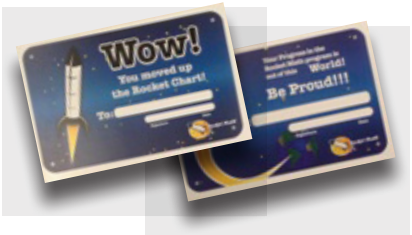
Individual brag tags and chains are offered for customers who only need one. Dr. Don is keeping some on hand and will mail these out in first class mail.

#4005 **Addition,** *#4006* **Subtraction,**
#4007 **Multiplication or** *#4008* **Division**

Award Certificates

Recognize student achievement with these eye-catching, special ***Rocket Math*** award certificates. Made of glossy cardstock at 5.5x8.5 inches, there are 6 certificates in each of six styles for a total of 36 certificates—enough for ***one a week all year!***

#2011 **Award Certificates (package of 36)**



Success Stickers

Awesome ***Rocket Math*** themed success stickers! 1-2/3 inch round stickers with an assortment of encouraging sayings. Use them on passing papers or on timings papers where the student has improved. Several exciting styles to keep students motivated. 8 sheets with 24 on a sheet totals to 192 stickers—enough for ***one a day all year!***

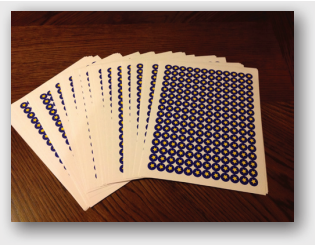
#2018 **Success Stickers (package of 8 sheets)**

#2009
Pencils (dozen)

Pencils

Cool ***Rocket Math*** pencils! Fire up your students with these pencils as an incentive for accomplishing goals in ***Rocket Math.*** The picture shows the imprint which goes around the shaft of the pencil. Priced per dozen.

Extra Supplies



Extra Star Stickers

With everyone's initial order of Wall Charts, we send 4 sheets of star stickers (over 750) for each Wall Chart ordered. But, what if your school has somehow run out of star stickers for the ***Rocket Math*** Wall Charts? Order #2007 and we will send you 40 additional sheets of star stickers—over 7,500 stickers.

#2007 **Extra Star Stickers (40 sheets)**

Extra Goal Arrows

We include 4 removable and reusable Goal Arrows with each Wall Chart. These stick to the Wall Chart to set motivating goals for your students. If your school needs Goal Arrows or additional Goal Arrows, here's how to get them. Order item #2008 and we will send you 48 additional arrows—enough for 16 teachers.

#2008 **Extra Goal Arrows (48 arrows)**

Package Deals

MOTIVATING PACKAGE (A complete set of tools for motivating students!)

#2030 **Motivating package** Wall Chart & Star Stickers, Corrections Chart, package of Success Stickers, package of Award Certificates, a dozen ***Rocket Math*** Reward Pencils, and a Super Hero ***Rocket Math*** Cape

PILOT PACKAGE (To give your students the full *Rocket Math* experience!)

#2050 **Pilot Package** Filing crate*/hanging folders, Wall Chart, Corrections Chart, 2 individual ***Race for the Stars*** games, Training DVD & Handbook

* crate(s) will be drop shipped directly to you from manufacturer - Sterlite

Race for the Stars Games

Players race to lay the 24 problem pieces next to the correct answer – as quickly as possible!

Race for the Stars Individual Games

Includes two 11x17 game boards, one for levels A–K and one for levels L–Z. For each game board, there is a set of 24 matching math fact problems. The game is to race to see who can lay the 24 problems next to the 24 answers on the game board the fastest. Each round should generally take between 45 and 100 seconds. Our handy ***Race for the Stars*** Game Directions explain several ways to play the game. Both levels of these games will be fun review for students who have mastered the facts in each level using ***Rocket Math*** Facts before beginning to play with the set in the game. The game boards are colorful and laminated on durable chipboard. The 24 color-coded playing pieces punch out of the game board, but we include bags for storage.

INDIVIDUAL GAMES

#2121 **Addition**
#2122 **Subtraction**
#2123 **Multiplication**
#2124 **Division**

Race for the Stars Tournament Crate* *(Can easily be shared by 6 teachers.)*

The crate* rotates among the classrooms. The Tournament crate* includes 15 game boards at each level, for a total of 30 game boards, set up in a file crate* with hanging files for each color. Every student in the class can be playing and practicing simultaneously. Class-wide contests, racing against the clock, setting speed records, paired competition and even tournaments are some of the many ways to play and make learning math facts fun!

TOURNAMENT CRATE*

#2106 **Addition**
#2107 **Subtraction**
#2108 **Multiplication**
#2109 **Division**

Game Center Kit for Race for the Stars with Stopwatch

#2112 Everything you need (except a game which is $24 additional) to set up a classroom center for the Race for the Stars games: a page of directions on how to use the center, an 18" x 24" poster for display of individual students' best times, a fine point Sharpie marker for recording speed of doing each game board, two (2) sheets of star stickers to cover up previous best times, a page of name labels [Avery 5195] you can fill out and print from your computer *AND a simple-to-use, no-frills, SILENT stopwatch for the center.*

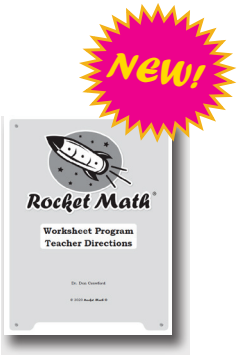
Race for the Stars Game Center Kit

#2111 Everything you need (except a game which is $24 additional) to set up a classroom center for the Race for the Stars games as in the description above but *without a stopwatch.*

* crate(s) will be drop shipped directly to you from manufacturer - Sterlite

Organization and Training

Teacher Directions Booklet for Worksheet Program



Don't believe everything you hear in the teacher's lounge. Find out the best way to run ***Rocket Math***, right from the horse's mouth. Revised by Dr. Don in 2020 and available in print for the first time, this 34-page booklet covers everything you need to know to run the Worksheet Program successfully in your classroom. Organized on the basis of the FAQs (frequently asked questions) Dr. Don gives you his answer to all 37 questions.

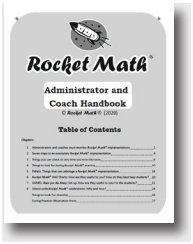
#2100 **Teacher Directions Booklet**

Workshop Training DVD *(3 hours on 2 discs)*

This training workshop on video teaches how to get the most out of the ***Rocket Math*** program. Handouts for this are available on the website under *Resources>Free Downloads*. The workshop teaches you how to set suitable goals, monitor progress, paperwork, motivate students, and much more.

#2004 **Workshop Training DVD**

Administrator & Coach Handbook



This handbook explains all that is needed to know for an administrator or coach to effectively implement ***Rocket Math*** throughout the school. The tips and ideas contained will make ***Rocket Math*** much more effective in teaching students the math facts. If you invest in the program, why not make sure it is running effectively?

#2012 **Administrator & Coach Handbook**

Micro-perforated Tabs for Crates*

A set of 4 sheets of micro-perforated tabs to help you organize your ***Rocket Math*** crate*. Includes all the tabs you need: A–Z and 1–5 for two-minute timings, as well as tabs for student forms, directions, and answer keys. These just tear out and fold back—ready to be put into those little plastic whatcha-ma-callums. Each set is enough to set up 4 complete crates*.

#2013 **Micro-perforated Tabs for Crates* (4 sheets)**

CRATES* AND HANGING FILES

Be ready to start right away! Here is all you need to organize ***Rocket Math*** for your classroom: the file crate*, 34 hanging folders, AND preprinted labels. You don't need to make an extra trip or to spend your own money getting organized—we ship it to you without a shipping charge (within the US).

#2010 **Filing crate* and folders** Plastic crate and 34 hanging folders and tabs

#2046 **6 crates* and 6 sets of hanging folders** Each set has 34 hanging folders and 34 tabs

* crate(s) will be drop shipped directly to you from manufacturer - Sterlite

Flashcards

Flashcards

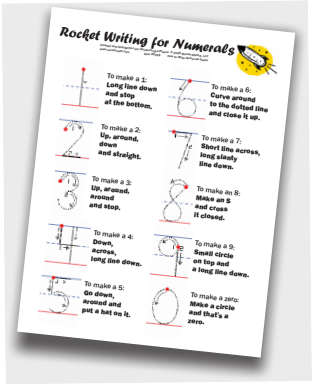
Individual sets of flashcards. Printed on cardstock, put in a resealable, reusable plastic bag and shipped to you to ready-to-use, numbered in the Rocket Math sequence, with a copy of our uniquely helpful instructions.

INDIVIDUAL FLASHCARD SET

#2221 **Addition**
#2222 **Subtraction**
#2223 **Multiplication**
#2224 **Division**
#2225 **Factors**
#2226 **Skip Counting**

Posters

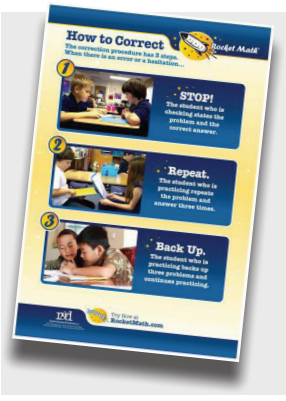
How to Write Numerals Poster



Valuable companion piece for anyone using Rocket Writing for Numerals with their students. This 18 by 24 inch poster shows and tells how to form numerals as taught in Rocket Writing for Numerals. Great to have this on the wall so you can refer to it as a prompt for correct formation of numerals. The standard way to do these numerals is more efficient than what students make up, so by teaching them the "right" way to make the numerals you can help them be able to write numerals more efficiently and more legibly.

#2020 ***How to Write Numerals*** **Poster**

Corrections Poster



This 18 by 24 inch poster teaches students how to make those all-important corrections for errors or hesitations.

(1) STOP! The student who is checking states the problem and the correct answer.
(2) REPEAT. The student who is practicing repeats the problem and the answer three times.
(3) BACK UP. The student who is practicing backs up three problems and continues practicing.

#2014 **Corrections Poster (single)**
#2015 **Corrections Poster (dozen)**

GET BOTH! Wall Chart AND Corrections Poster

#2016 **Wall Chart and Corrections Poster (1 each)**
#2017 **Wall Chart and Corrections Poster (1 dozen of each)**

Rocket Math

Orders email: cheryl@rocketmath.com

Orders phone: (800) 533-9440 Fax (866) 960-4700

13203 SE 172nd Ave, Suite 166 PMB 2055, Happy Valley, OR 97086

ORDER FORM

Please designate order quantity and item number from price list or catalog:

ITEM #	PRICE	QUANTITY	EXTENSION	DESCRIPTION

New or a renewal? Please tell us the Subscription Manager and run dates for each subscription.

☐ New **Worksheet** Program Subscription ☐ New **Online Game** Subscription:

☐ Renew **Worksheet** Program Account # _____ ☐ Renew **Online Game** Account # _____

Name		
Email:		
To run:	From: / / To: / /	From: / / To: / /

*** Bill To (District Billing Address):** *** Ship To (School Name and Address):**

Method of Payment:

☐ Purchase Order #_____ *(There is a **$60** minimum for Purchase Orders.)*

☐ Check to Rocket Math for full amount of $_____is enclosed

Preferred orders emailed but mail and fax are OK, too!

Order on the web at www.rocketmath.com We take Purchase Order numbers.

Rocket Math®
So every student can enjoy math success!

13203 SE 172nd Ave. Suite 166 PMB 2055
Happy Valley, OR 97086