

We Can Do **Math**

A WORKBOOK FOR ESTABLISHING
BASIC MATH CONCEPTS

DESIGNED WITH DYSLEXIA/
DYSCALCULIA AND
SIMILAR CHALLENGES
IN MIND



WRITTEN BY

YEN CABAG

*The first workbook in the Philippines designed for
dyslexia/dysclaculia and other neurodivergent-related challenges
for teaching children math based on Charlotte Mason principles*

We Can Do **Math**

Basic Operations Practice for Dyslexia/Dysgraphia

We Can Do Math

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Published in the Philippines.

Who This Workbook is For

In the Charlotte Mason method, math is taught using concrete objects and a multi-sensory approach. That in itself already makes it an ideal way of teaching math to a child that might struggle with math, with or without a learning disability like dyslexia/dyscalculia in the mix.

However, we have found that most math textbooks and workbooks available in the market have an overwhelming amount of text on a page—which just compounds the struggles for a child with dyslexia/dysgraphia. That led me to create our own materials to help our own son who struggles with math, starting with printable math cards that we used alongside our basic lessons.

After needing to learn about dyslexia/dyscalculia and neurodivergence as a whole, this workbook came about, where I incorporated things I've learned about dyslexia and dyscalculia to make this a workbook that can work well with those challenges (detailed below).

But this does not mean it's only for children officially diagnosed with dyslexia and dyscalculia, but we hope it can help for those who struggle with math and/or those who may not be officially diagnosed but show symptoms of the condition.

This is a math workbook, yes, but if you notice, we did not put what grades this workbook is intended for. The reason is that when children struggle with math, we don't want to make them feel even less adequate by pitting them against a "grade level" they need to be in. (And we also don't want parents to succumb to the pressure of having their child be at a certain "level" just because he or she is "supposed to be.")

Also, when dealing with learning disabilities like dyslexia or dyscalculia, it depends on the child's capacity, not on chronological age or grade level. So we highly recommend parents' discretion on whether or not you might be able to benefit from this workbook.

This workbook:

- ☒ Contains 108 lessons of one page each. This is intentionally made so that each lesson feels easy to accomplish. How many lessons (or pages) your child does per day depends on the child's capacity and parents' discretion. This is intentionally NOT created as a full one-year curriculum to avoid confusion, but it's perfectly fine if your child takes one year to go through this. Our goal is an understanding of the math concepts over time, and increased confidence in learning math.
- ☒ Is designed for students who already have a basic number sense (e.g. counting on fingers and using counters) but need to build a foundation of place value and the four basic operations
- ☒ Is NOT designed as a workbook for those only beginning with math (for the foundational years, including for those with dyslexia/dyscalculia, we recommend using concrete objects and a multi-sensory approach to math, which includes counting with counters, sorting actual objects, and NOT a workbook. For that, you might be able to use the FREE printable math cards found on our website.)
- ☒ Is designed for students who might struggle with dyslexia/dysgraphia, whether diagnosed or suspected: (summarized here, but also detailed in the next section)
 - ☒ To help support struggles with abstract thinking, we continue to use visuals for math concepts
 - ☒ To deal with memory issues, we repeat basic concepts every few lessons, and also include the multiplication table and multiplication facts, all throughout; if the child needs accommodation by being able to consult the multiplication facts, we encourage allowing them to do so, while encouraging memory work in other lessons and supported by the number cards included as a printable file

- ☒ To combat struggles with too much text on a page, we opted to use large fonts and few problems on one page (as such, we also recommend printing these on the front pages and not back-to-back)
- ☒ To encourage multi-sensory learning, we include, in the Appendix, a link to printable cards you can use alongside this workbook.
- ☒ May not be considered a complete math curriculum based on standardized material, but more of a bridging tool for students struggling to use a mainstream math curriculum; however, we personally believe that helping our students form a basic understanding of math concepts and developing confidence that they CAN do it is a crucial first step for overcoming dyslexia/dyscalculia abhorrence of math
- ☒ Is designed to be as self-paced as possible, supposedly to support pathological demand avoidance that many neurodivergent children also have, especially prominent from the preteen years onwards; but it may still require some parental/teacher guidance, particularly at the start of each concept. If your child possibly does have dyslexia/dyscalculia, please be prepared for having to remind them of the concepts and processes more times than you might expect.

An Important Note on Dyslexia/Dyscalculia

Dyslexia is not just someone struggling to read. It may also manifest in ways that greatly impact mathematical understanding, which is possibly why it tends to be related to dyscalculia. In this page, we want to show you some of the ways it impacts math learning so you can better teach/support your child, along with the ways that we've tried to address them in this workbook:

Dyslexia / dyscalculia challenges	What makes math difficult	How we addressed it in this workbook
Short-term memory struggles	The need to memorize math facts	Repeated cycles to help cement math facts to memory; the added use of math cards for multi-sensory learning and reinforcement
Confusion with words and definitions	Math usually uses different "terms" to mean the same thing	We try to stick to familiar ways of presenting concepts; we also introduce the different "terms" (e.g. + is add, increase, etc)
Confusion with abstract concepts (related to confusion with definitions)	A lot of higher math is abstract concepts	We use visuals to demonstrate these concepts

Confusion following text on a page	Most workbooks fill up the page with too many numbers and in too small a font	We created this workbook with large fonts (even if used with a student in upper elementary or high school) and a limited number of problems per page
Struggle with following a storyline in word problems	Too many variables in word problems	We introduce some word problems in easily understandable concepts

Disclaimer: we do not claim to diagnose your child, nor do we claim to have all the answers for dealing with dyslexia/dyscalculia. If you suspect your child to have these conditions, we trust it's the parents' discretion to undergo testing. Furthermore, if your child is diagnosed with either of these conditions, it's the parents' responsibility to find the support needed.

This workbook, along with all the resources we offer on our website, are created in good faith and offered in good faith, of wanting to be of help and support, but are not in any way designed nor intended to replace therapy or any other specific support that your child might need.

We are hopeful that children with dyslexia/dyscalculia CAN do math! Our prayers are with you, dear parents!

Blessings,

Yen Cabag
CharlotteMasonPhilippines.Com

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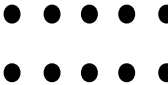
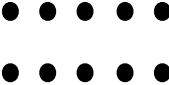
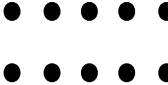
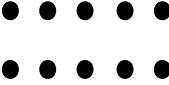
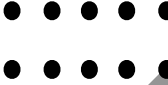
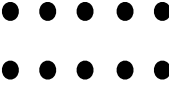
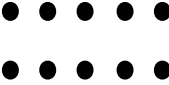
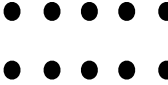
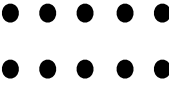
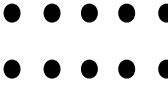
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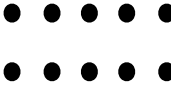
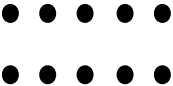
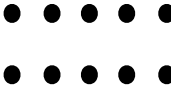
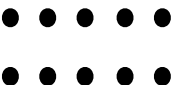
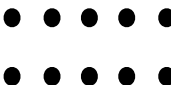
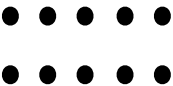
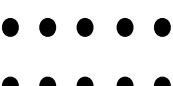
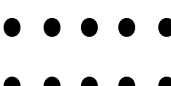
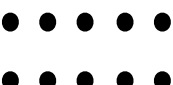
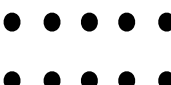
FREE SAMPLE

Grouping by 5s and 10s

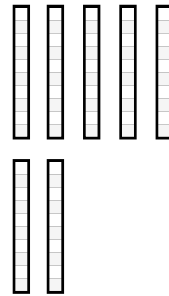
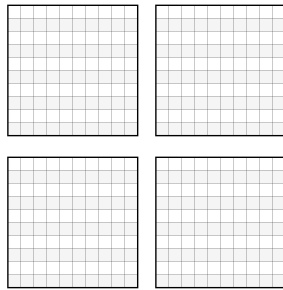
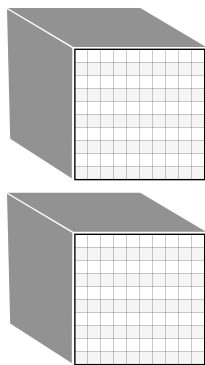
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Review

Grouping by 5s and 10s

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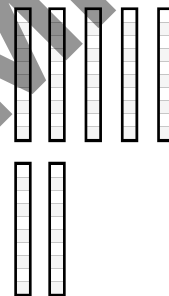
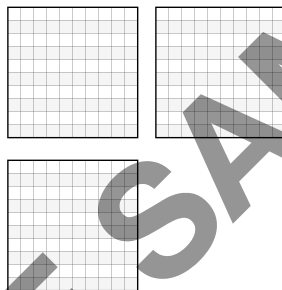
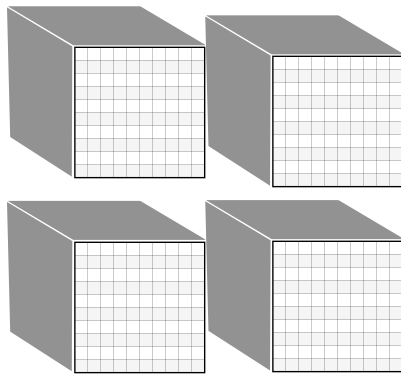


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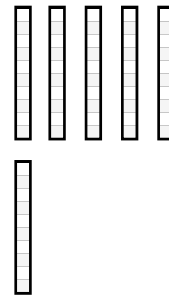
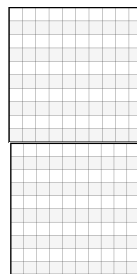
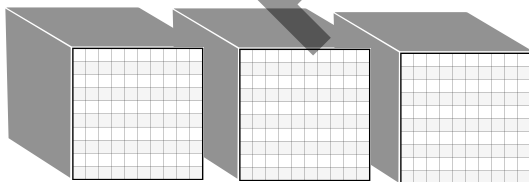


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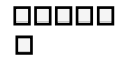
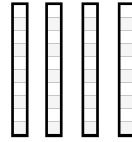
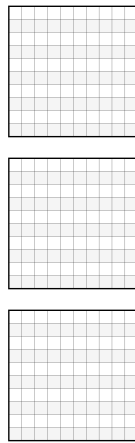
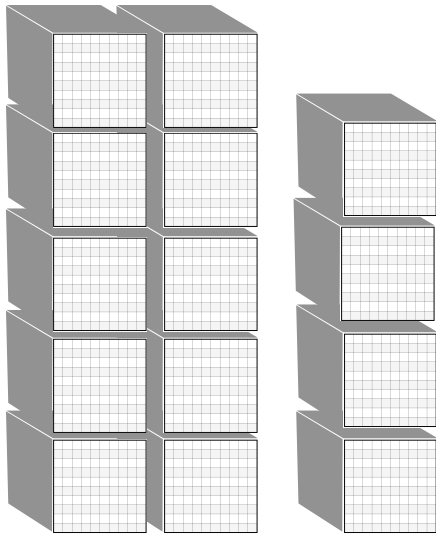
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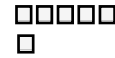
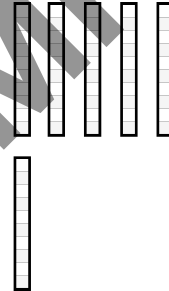
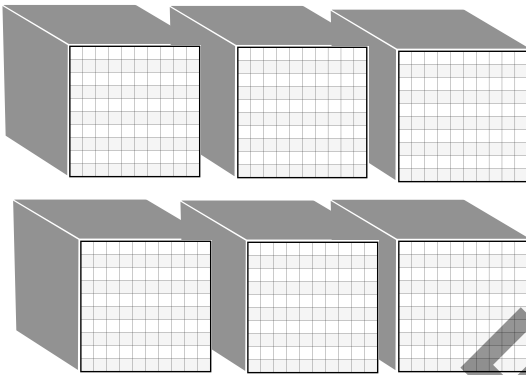
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Lesson 4

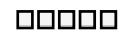
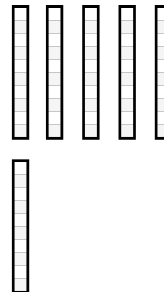
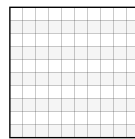
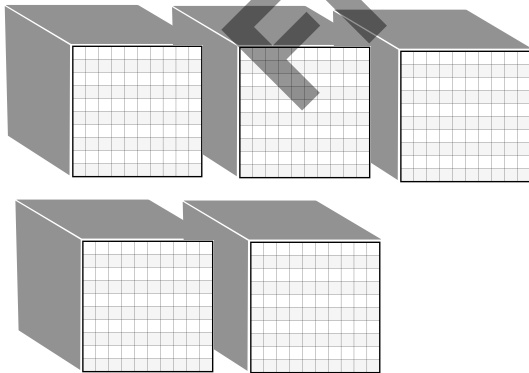
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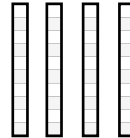
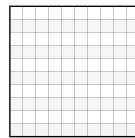
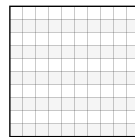
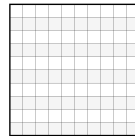
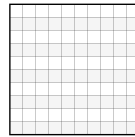
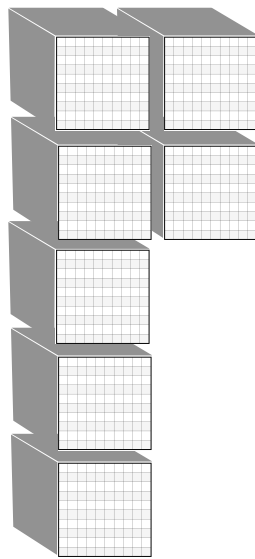
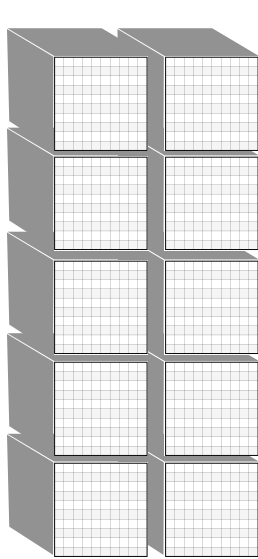


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Review: Place Value



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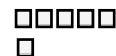
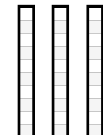
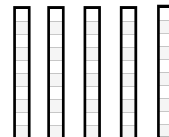
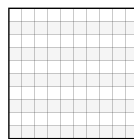
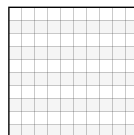
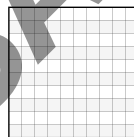
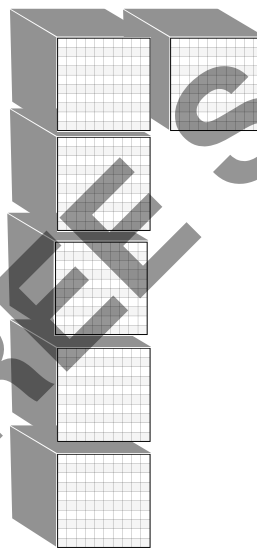
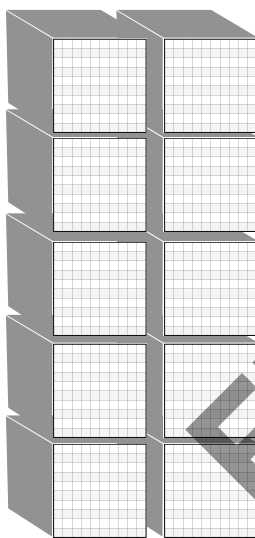
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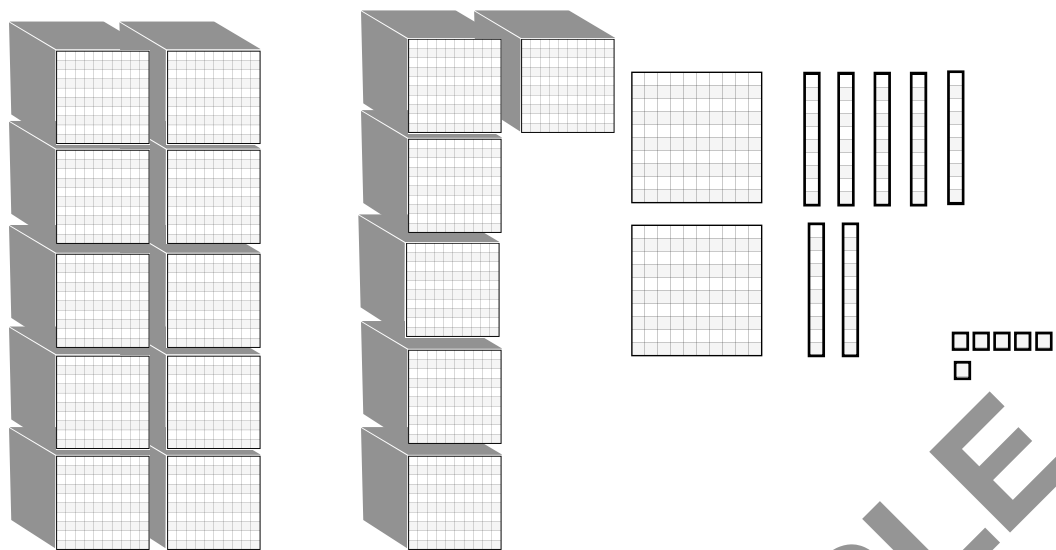
Lesson 6

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12,130	=		+		+		+		+	
7,500	=		+		+		+		+	
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5,421	=		+		+		+		+	

10,000	+	7,000	+	200	+	50	+	9	=	
20,000	+	8,000	+	100	+	10	+	0	=	
40,000		5,000	+	0	+	70	+	8		
30,000	+		+	400	+	20	+	5	=	37,425
	+	7,000	+	500	+		+	8	=	57,538
70,000	+	5,000	+		+		+		=	75,235
50,000	+	2,000	+	900	+	0	+	0	=	

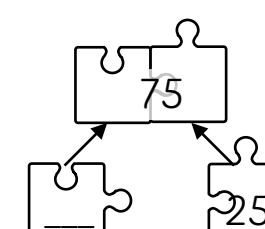
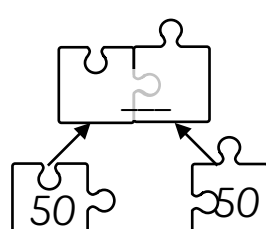
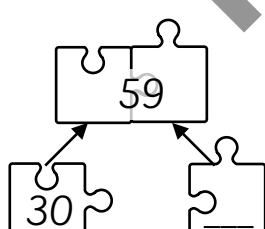
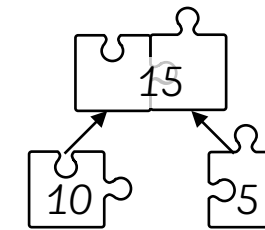
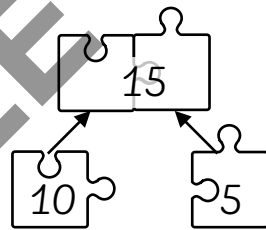
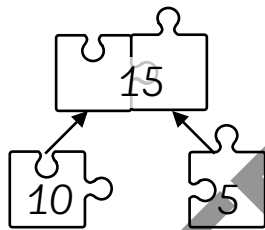
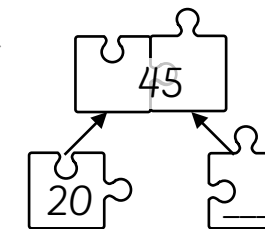
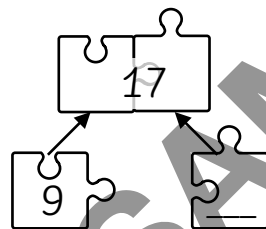
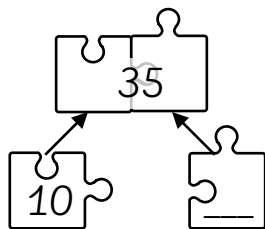
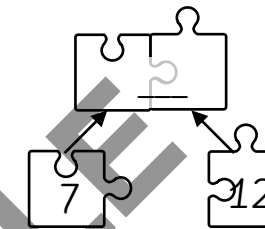
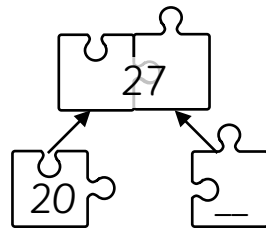
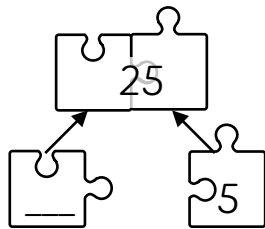
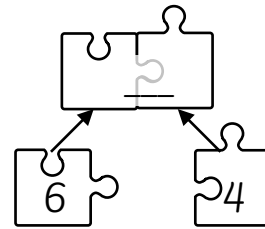
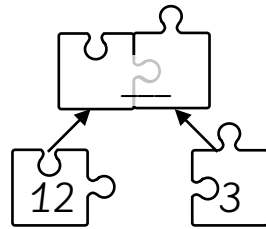
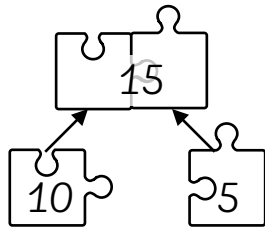
Place Value



_____ + _____ + _____ + _____ + _____ = _____

		Ten Thousands	Thousands	Hundreds	Tens	Ones
10,259		1	0	2	5	9
7,105						
12,130						
7,500						
6,293						
5,421						

Number Bonds



Thank you for downloading this FREE Sample. You may purchase the FULL 108-lesson/exercise We Can Do Math Workbook in PDF over at CharlotteMasonPhilippines.Com/Shop.

Appendix: Number cards you can use alongside this workbook

You may download the 17-page **FREE We Can Do Math Number Cards PDF** over at *CharlotteMasonPhilippines.com/Shop*, or directly on this link:

<https://tinyurl.com/CMPMathPrintable>

(We opted to have it as a separate file so you can print it separately, if needed, on cardstock.)

TILL NEXT TIME

Thank you very much for journeying with us! Other Charlotte Mason resources we offer include:

- ✿ Talino Charlotte Mason Curriculum Kinder
- ✿ Talino Charlotte Mason Curriculum Form 1 (for students in Grades 1 to 3)
- ✿ Talino Charlotte Mason Curriculum Form 2 (for students in Grades 4 to 6)
- ✿ Talino Charlotte Mason Curriculum High School (for students in Grades 7 to 10)
- ✿ Doors to Discovery Beginning CM Series (Reading, Writing, Narration, Poetry)
- ✿ Tahum Family Riches Pack
- ✿ Kalikasan Philippine Nature Study Guide
- ✿ Likha CM Handicraft Guide
- ✿ Galing Copybook Form 2
- ✿ Yaman Finance Curriculum
- ✿ Sariling Atin (Filipino Grammar Curriculum for Form 2)
- ✿ and more to come!

For more resources on Charlotte Mason and homeschooling in the Philippines, head on over to **CharlotteMasonPhilippines.Com**. Grab a copy of our free e-book, too, and get the chance to be the first to know our latest updates!



ABOUT THE AUTHOR

Based in Iloilo City, Yen Cabag is a homeschooling mom, writer, entrepreneur, and Charlotte Mason coach, trainer, and advocate, who loves reading, storytelling, and creating just about anything—from kitchen concoctions to stories, articles, songs, curriculum, and crochet pieces!

Growing up, her daily diet included a dose of Sweet Valley Twins, Sweet Valley Kids, and Sweet Valley High, only falling in love with classic books when she started learning and applying the Charlotte Mason philosophy in their homeschool and family life. Since then, her husband Mark has also jumped on the bandwagon, devouring books left and right, despite not having enjoyed it in his younger years. (Score for living books!)

Yen's favorite me-time activity is digging for treasure in one of the many branches of Booksale, while the family also loves hiking/camping up in their mountain home.

Yen and Mark are also champions for fostering and adoption, with two of their three boys coming into the family through this beautiful gift.

Yen graduated magna cum laude for B.S. in Business Administration from the University of the Philippines in the Visayas, and went on to become a licensed teacher. She has also taken up units in Master's in School Management, and has studied intensively on neurodivergence and trained parents in homeschool accommodations for neurodivergent children.

Are you struggling to teach your child math, and suspect issues possibly related to dyslexia/dyscalculia and other similar challenges? We heard you!

The **We Can Do Math** is our launch-pad for enjoying and learning math, where you can:

- help support struggles with abstract thinking with the visuals used to represent math concepts
- deal with memory issues through the repetition of basic concepts
- support multi-sensory learning by the number cards in the printable file
- combat struggles with too much text on a page with the large fonts and few problems on one page
- help your students form a basic understanding of math concepts and develop confidence that they CAN do it, as a crucial first step for overcoming dyslexia/dyscalculia abhorrence of math
- support pathological demand avoidance that many neurodivergent children also have, especially prominent from the preteen years onwards, through the mostly self-paced exercises



Charlotte Mason
Philippines