



Engage | Learn | Improve

**Math and Literacy Parent/Guardian Support for  
Fully-Virtual Students**

September 16, 2020

**Casey Blochowiak** - Director of Curriculum and Learning

**Sarah Doerr** - Elementary Literacy Coordinator

**Meg Formolo** - Reading Recovery/Literacy Lessons Teacher Leader

**Mark Ashenhurst** - Riverside Math Coach and Elementary Math Curriculum Chair

**Dan Johnstone** - Ben Franklin Coach and Elementary Math Curriculum Chair

**Sue Lee** - Learning Improvement Specialist

# Meeting Goals

- Share strategies for setting up learning space
- Ways to support your child during asynchronous work time
- Strategies and resources to support you as a parent
- Where you can find help

Learning to walk...



and then they are off  
and running!



Learning begins with you



# Suggestions for setting up a work/learning space

- Think **comfortable, warm, inviting**
  - A place your child could sit upright, preferably feet flat on the floor
- Provide **clear access to computer/materials**
  - organize space with **materials** within reach; crayons, markers, paper, math tools
  - Be sure an outlet is nearby
- A **quiet work area** is best so that synchronous lessons can be easily heard.
- Have an **adult nearby**, so you can partner with us/ guide your child as needed through the lessons.

## Your support *may* look like

- Telling
- Showing/demonstrating first
  - ...decreasing support over time
- Guiding
- Working together
- Watching from a distance



## CAUTIONS:

Learning new content takes time and practice.



If your child is confused, *demonstrate* what you'd like them to do before asking them to be independent.



# How reading may look at home and in the community:

- ★ Reading **to** your child
- ★ Reading **with** your child
- ★ Your child reading **to** you
- ★ Talking about **stories** (wondering...questioning...)
- ★ **Explore** interesting topics  
through reading and writing
- ★ Reading a **variety** of genres

# Setting Up For Success:

- Make it **fun** and **positive!**
- **Encourage** persistence. Try another strategy if the first one didn't work.
- **Enjoy** literacy. Let your child see **YOU** read and write!
- **Talk** to your child about what they are reading and writing. Language and literacy go hand in hand!
- **Ask** questions frequently, NOT just when you see something wrong.
  - Were you right?
  - What did you try? Did it work?
  - Does that make sense?
- **Talk** with your child's teacher. We are partners working toward the same goal.

## Potential Pitfalls:

- Watch for yawning and/or disengagement
  - ◆ Offer movement breaks
  - ◆ “Showing” what you’d like your child to do is teaching.
- If your child looks puzzled ...
  - Ask “Where’s the tricky part?”



# Mistakes are the way we learn

....offer some help....Or allow the almost  
“right” attempt



Some things to notice:

*Does your child pause, look puzzled, try again?*

*These are all signs that learning is happening.*

# Every learner is unique



*The path might be different ...  
We all get there by taking our own route.*

# Website to help you support reading and math

## Fully-Virtual Learning

Much planning has gone into designing an enhanced, rigorous, and supportive fully-virtual classroom experience for your child. We are excited about the opportunity to partner with you in your child's virtual learning experience this fall.

We know that you likely have a number of questions about what this experience will look like and how you can plan to support your child. Please make plans to attend a required parent orientation to fully-virtual learning. At these meetings, we will discuss daily schedules, technology platforms, support for parents, as well as other essential information. We will reserve time for "questions and answers" at the end of each session.

Questions specific to fully-virtual learning can be sent to [info@sdmfschools.org](mailto:info@sdmfschools.org) or sent to your child's building principal.

## Resources

> **Math**

> **Literacy**

> **Services**

> **Applications**



Questions... Comments... Feedback



I  math



# How **math** may look at home and in the community

Math is all around us

- ❑ Use every opportunity at home to learn math:
  - ❑ cook, measure, count, tell time, estimate with your child
- ❑ Play board games and card games
  - ❑ share and ask about strategies
- ❑ Talk math

# Questions to **Regularly Ask** your Child

**What** do you notice or wonder?

**How** did you solve that?

**Why** did you choose to solve the problem that way?

**How** do you know you are correct?

Can you check it or prove it?





- What do you need to get started?
- Do you need more time or do you need help?
- What strategy might you try to solve this?
- Where could you look for help?

## Productive Struggle

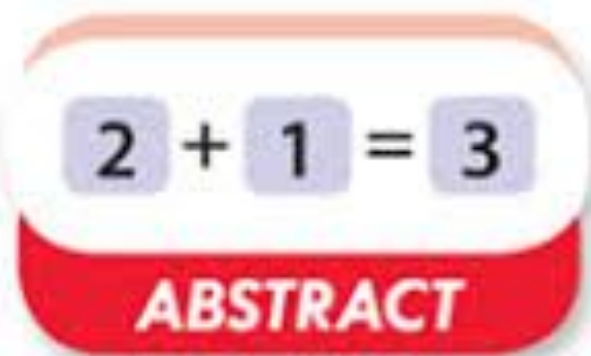
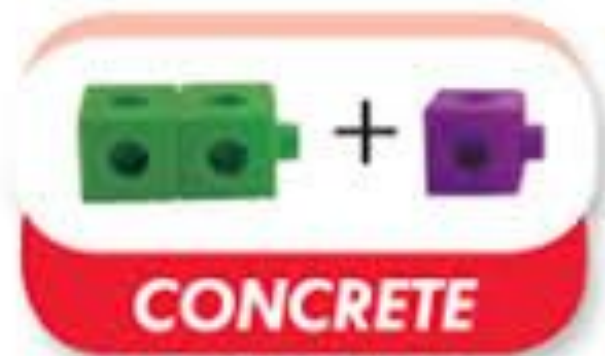


# Tips to Support Your Young Mathematician

- Talk about math in a positive way. **Enjoy** math. Let your child see how **YOU** think and solve problems.
- **Encourage** persistence. Some problems take time to solve.
  - Provide time for your child to think
- **Encourage** your child to experiment with different approaches to mathematics. There is often more than one way to solve a math problem.

# Tips to Support Your Young Mathematician (cont.)

- **Encourage** your child to talk about and show a math problem in a way that makes sense (i.e., draw a picture or use material like macaroni).
- Ask **questions frequently**, **not just** when you see something wrong.
  - Why did you do that?
  - What pattern do you notice?
  - Does that make sense?
- **Talk** with your child's teacher. We are partners working toward the same goal.



# Dreambox

What is Dreambox?

Why did we choose it?

When, how and why should my child use it?

Where does productive struggle fit?





This information goes with the previous slide.

## What is DreamBox?

DreamBox is a digital math program for grades K-8 that combines a fun and engaging math learning environment with a rigorous, standards-based curriculum. DreamBox lessons are interactive experiences that promote active learning and independent critical thinking and respond to each student's strategies and decisions in the moment. This enables DreamBox to individually tailor the instructional experience for each student based on the strategies they use when working through lessons. Because DreamBox dynamically adapts lessons and learning paths based on the needs of each learner, students always have just the right level of support when and where they need it.





Questions....Comments...Feedback



# Website to help you support reading and math

## Fully-Virtual Learning

Much planning has gone into designing an enhanced, rigorous, and supportive fully-virtual classroom experience for your child. We are excited about the opportunity to partner with you in your child's virtual learning experience this fall.

We know that you likely have a number of questions about what this experience will look like and how you can plan to support your child. Please make plans to attend a required parent orientation to fully-virtual learning. At these meetings, we will discuss daily schedules, technology platforms, support for parents, as well as other essential information. We will reserve time for "questions and answers" at the end of each session.

Questions specific to fully-virtual learning can be sent to [info@sdmfschools.org](mailto:info@sdmfschools.org) or sent to your child's building principal.

## Resources

> **Math**

> **Literacy**

> **Services**

> **Applications**



# Website to help you support reading and math (cont.)

## Resources

### Math

#### Bridges Math

- Scroll down – select a grade level
- Includes skills, unit letters, games/activities, free apps

#### Bridges Math at Home

- Choose a grade level
- Each numbered set coincides with each unit

#### Math Tools

- Virtual Math Manipulatives
- All students have these on their respective chromebooks

#### Dreambox

- Click on the video to see how Dreambox is interactive and allows students to think for themselves and make sense of math



# We are your partners PLEASE reach out

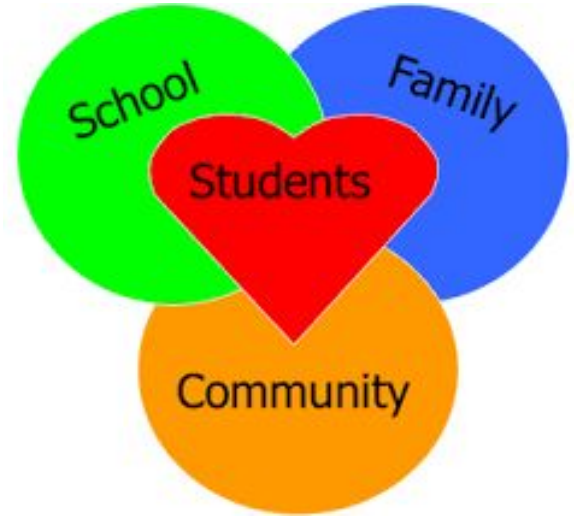
Your child's teacher is your first point of contact. And we are always here for you!

Sarah Doerr [doersar@sdmfschools.org](mailto:doersar@sdmfschools.org)

Meg Formolo [formmeg@sdmfschools.org](mailto:formmeg@sdmfschools.org)

Mark Ashenhurst [ashemar@sdmfschools.org](mailto:ashemar@sdmfschools.org)

Dan Johnstone [johndan@sdmfschools.org](mailto:johndan@sdmfschools.org)



# Next session visual models

Think aloud

Let your child see and hear you think through problem solving