

Math Writing Brief

Two Phases to Launch

Math Daily 3

Math by Myself

■ **Math Writing** ■

Math with Someone

Phase 1: Foundation Lessons

Teach these lessons before launching **Math Writing**:

- Math writing materials (location, setup, cleanup, expectations)
- What to write about
- What to do when you come to a word you don't know how to spell
- What to do when you need help

Phase 2: Launch

Use the 10 Steps to Teaching and Learning Independence to launch

Math Writing:

Step 1 Identify what is to be taught: **Math Writing**

Step 2 Set a purpose: Create a sense of urgency

- Helps us get better at math
- It is fun

Step 3 Identify the behaviors of **Math Writing** on I-chart.

Sample I-chart:

Math Writing <i>Independent</i>	
Students	Teacher
<p><i>It's fun</i></p> <p>Write whole time Stay in one spot Write quietly Get started right away Ignore distractions Work on math writing stamina Persevere</p>	<p><i>Helps us get better at math</i></p> <p>Work with students</p>

Step 4 Model most-desirable behaviors

Step 5 Model least-desirable, then most-desirable behaviors (same student)

Step 6 Place students around the room

Step 7 Practice and build stamina

Step 8 Stay out of the way; when necessary, confer and set behavior goals

Step 9 Use a quiet signal, gather

Step 10 Group check-in: "How did we do?"

What's Next?

- Continue building **Math by Myself** and **Math Writing** stamina until **Math Writing** reaches secure number of minutes.
- With remainder of time in math block, preteach and/or review another **Math by Myself** game or activity. Begin building **Math with Someone** games and activities by introducing a new **Math with Someone** game and adding it to the math board.