

Math Writing Brief

MATH DAILY 3

Math by Myself

Math Writing

Math with Someone

PHASE 1: FOUNDATION LESSONS

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

- Math materials
- Choose what to write about
- Underline words you don't know how to spell, and move on
- What to do when you need help

PHASE 2: LAUNCH

Use the 10 Steps to Teaching and Learning Independence to launch **Math Writing**:

- 1 Identify what is to be taught: **Math Writing**
- 2 Set a purpose: Create a sense of urgency
 - Helps us get better at math
 - It is fun
- 3 Identify the behaviors of **Math Writing** on I-chart. Sample I-chart:

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

- 4 Model most-desirable behaviors
- 5 Model least-desirable, then most-desirable behaviors (same student)
- 6 Students check in with **Math Writing**; teacher places students around the room
- 7 Practice and build stamina
- 8 Stay out of the way; when necessary, confer and set behavior goals
- 9 Use a quiet signal—come back to group
- 10 Group check-in: "How did it go?" Graph stamina.

WHAT'S NEXT?

- Continue building **Math Writing** stamina until students reach stamina goal.
- With remainder of time in math block, pre-teach and/or review another game or activity and add to the math board.