

# Connecting Cognitive Science and Education to Advance Assessment and Instruction in Mathematics: **Sharing our Collective Voices**

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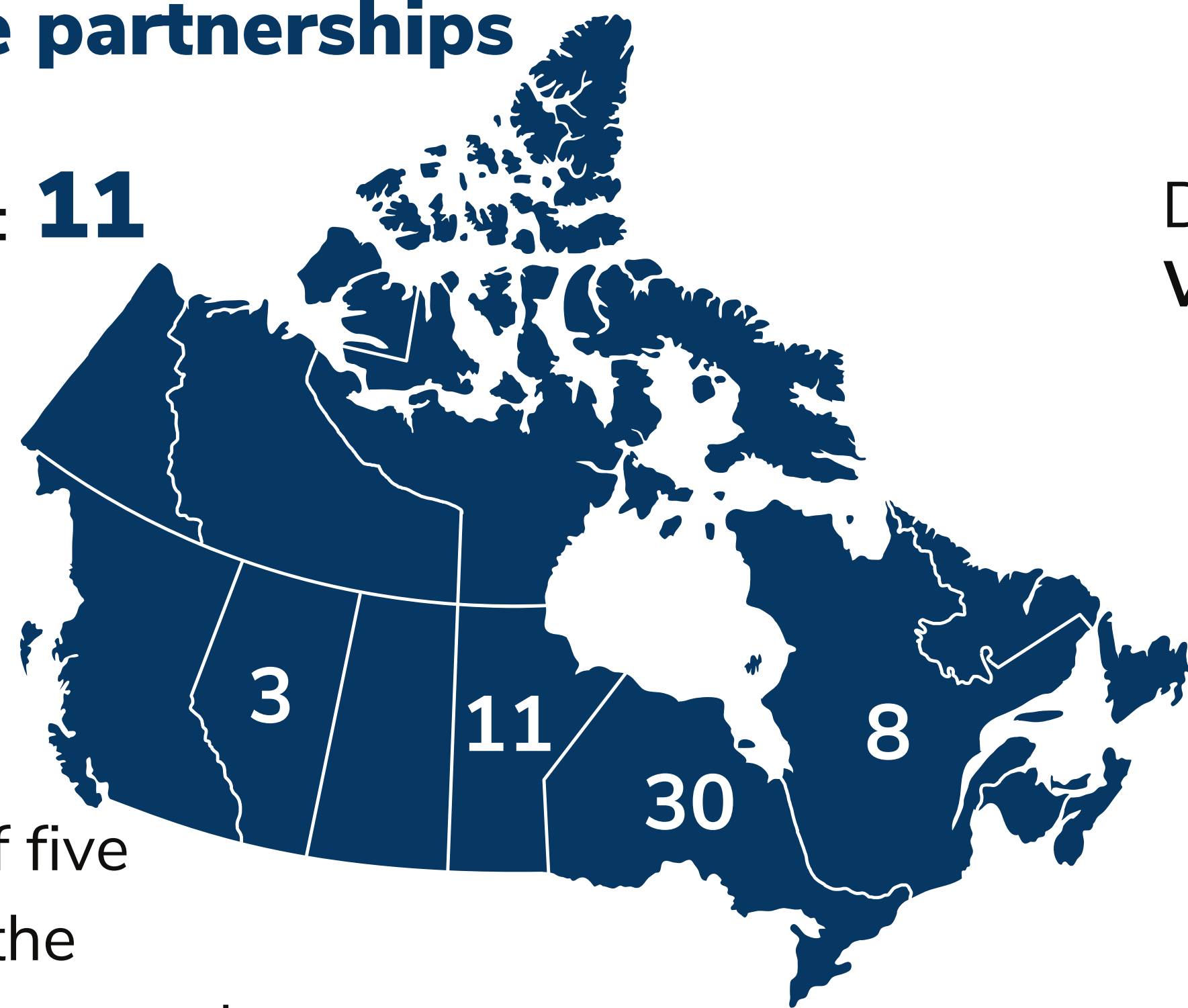
## WHAT IS AIM

- Assessment & Instruction for Mathematics is a partnership initiative engaging researchers and educators across Canada
- Supports the development of assessment and instruction tools for mathematics education in **K - 4**



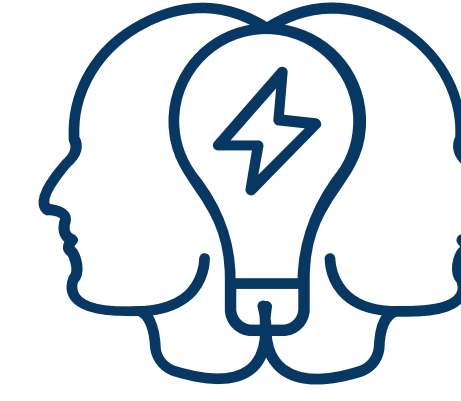
## AIM SUMMIT

- In person summit Held in May 2023 to strengthen **research-practice partnerships**
- Participants: **52** School Districts: **11**
  - Researchers: 10
  - University Students: 19
  - Current + future partners: 23
- Objective:
  - Participants engaged in one of five working groups to determine the direction of current and future research.



## COLLECTIVE VOICES

- The summit highlighted the theme of effective collaboration and inclusivity.
- One group worked on a strategy that fosters open dialogues and bidirectional interactions between **cognitive science and educational practices** adapted for the advancements in early mathematics education.



## GOALS

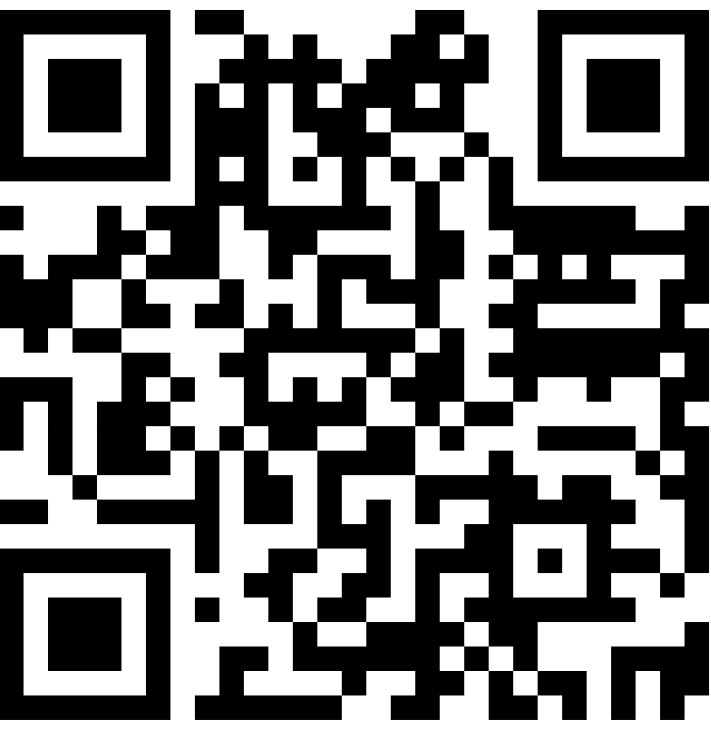
Disseminating, translating and utilizing **Collective Voices** to:

- Improve educational practices
- Shape research directions
- Enhance the learning outcomes of students in early mathematics education.

## TWO-PRONGED APPROACH



- To bridge the gap and to amplify the **Collective Voices** between research and practice, the working group came up with a two pronged approach.
  - PRONG 1:** Internal AIM community
  - PRONG 2:** As a next step, slowly expand beyond the AIM collective\*



## OUTCOMES

WHEN ASKED: WHAT WERE THE STRENGTHS OF THE SUMMIT?

ATTENDEES SAID...



## WEBSITE TRAFFIC

