

Thinking Mathematically from Minute One

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laviemathematique.wordpress.com

Implementation:

- Daily Warm Up Sheet (or white boards/Google Forms)
- Plickers – formative assessment system
 - [Plickers.com](https://www.plickers.com/) – free app and free cards to print out!
- Random name picker to call on students
 - Instant Classroom - superteachertools.us/instantclassroom

Examples:

- Estimation 180 – [estimation180.com](https://www.180worksheets.com/) - @mr_stadel
- Visual Patterns/Number Talks – [mathtalks.net](https://www.mathtalks.net/) – [visualpatterns.org](https://www.visualpatterns.org/) – @fawnpnguyen
- 101 Questions – [101qs.com](https://www.101qs.com/) - @ddmeyer
- Which One Doesn't Belong – [wodb.ca](https://www.wodb.ca/) - @MaryBourassa
- Would You Rather – [wouldyourathermath.com](https://www.wouldyourathermath.com/) - @Jstevens009
- Set – [setgame.com/set/puzzle](https://www.setgame.com/set/puzzle) - @mjfenton

Resources:

- <https://crazymathteacherlady.wordpress.com/2015/03/20/filing-cabinet-of-warm-up-activities/>
- <https://laviemathematique.wordpress.com/tag/warm-up/>
- <https://algebraiac.wordpress.com/2013/10/22/made4math-weekly-warm-up-sheet-2-0/>
- bit.ly/MathMin1

Monday's Date _____

Name _____

Monday - Notice and Wonder

I Notice...

I wonder...

Group Members:

Tuesday - Talk About Numbers

My Counting Method

Pattern Work

Wednesday - Debate

My Claim is...

My Warrant Is because...

Thursday - Estimation

Description:-----

Answer:-----

GUESS:
 TOO HIGH →
 TOO LOW →
 My Estimate

Error: + / - -----

Error as a %:-----

My Reasoning:

Friday/End of Week - Free Write

- What did you learn?
- What are you struggling with?
- What was fun in class?
- What questions do you have?
- What are you proud of from this week?
- What is your goal for next week?
- One good thing that happened this week
- Anything else!