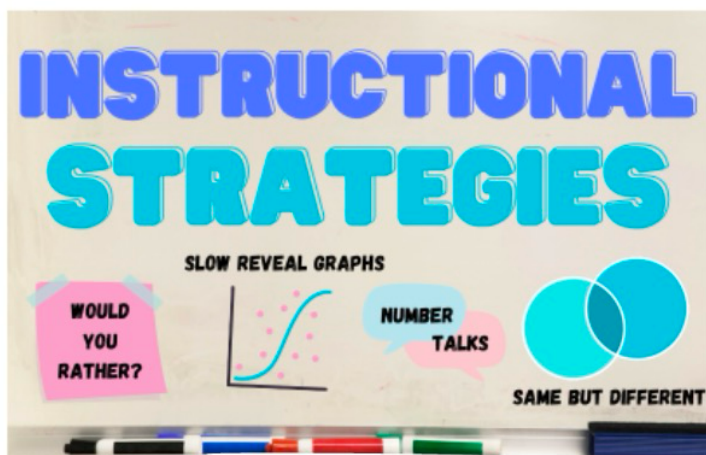


Instructional Routines: Mathematics

Why use Instructional Routines in Mathematics?

- Regular practice that has multiple entry points, open ended and personalized.
- Helps to build a mathematical community in the classroom
- Collaborative
- Encourages mathematical discourse
- Responsive
- Focus on a pedagogy of noticing and listening
- Focus on number sense
- Can be used across mathematical curricular content
- Focus on curricular competencies



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|-------------------------|------------------------------|
| 1. Choral counting | 11. Number talks |
| 2. Clothesline | 12. Numberless word problems |
| 3. Counting collections | 13. Quick images |
| 4. Debate | 14. Same but different |
| 5. Estimation 180 | 15. Slow reveal graphs |
| 6. Fraction talks | 16. Splat |
| 7. Guess my rule | 17. Visual patterns |
| 8. I have, you need | 18. Ways to make a number |
| 9. Mystery number | 19. Which one doesn't belong |
| 10. Number talk images | 20. Would you rather |