

WPS Math Department

New Teacher Orientation

Good mathematics is not about how many answers you know...

It's how you behave when you don't know.

Author

Unknown

August 21, 2019

Janet Frenis

Math supervisor

Curriculum

Located in Google Drive

My Drive>Waterbury Public Schools > 0.1 > Math Curriculum

[WPS Mathematics Curriculum](#)

Google Drive

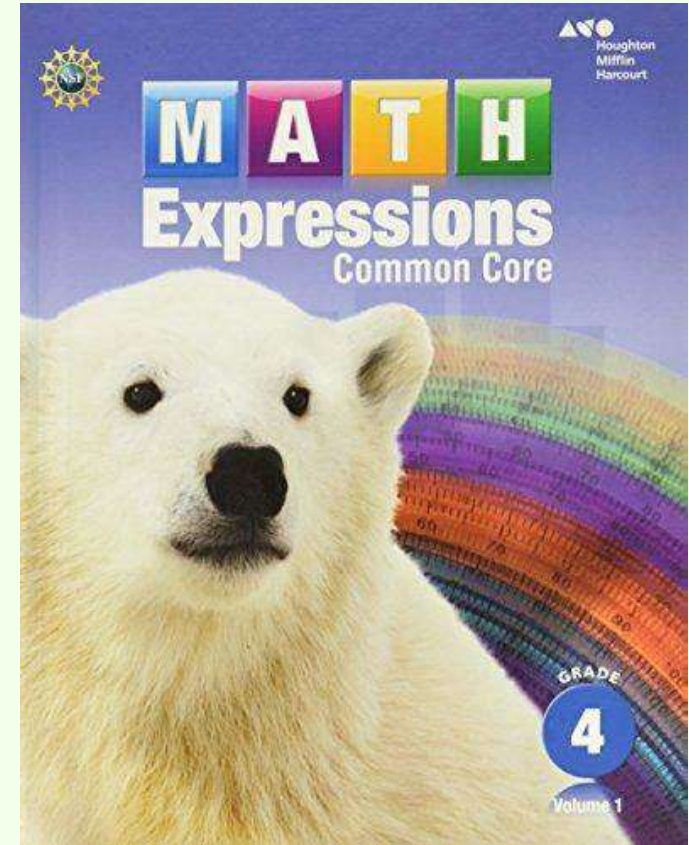
- Linked to WPS email address
- Ask your math or literacy coach to add you to the Google Additions and Transfer List **AND** to send you the WPS Google Folder
- [Logging into Google for the first time](#)
- [Additional Google Support](#)

Elementary Math Resources to Support Curriculum

Math Expressions Common Core

- Print and digital resources available.
- Accounts should be generated through PowerSchool.
- See coach for assistance

<https://www-k6.thinkcentral.com/>



Elementary Math Resources to Support Curriculum

Ready Common Core Teacher Toolbox

- Tier One program from Curriculum Associates
- Lessons can be used to supplement i-Ready resources

<https://teacher-toolbox.com/>

i-Ready Diagnostic and Instruction Grades 2-8

Diagnostic Assessment – All students 2 - 8

- Aligned to CCSM and Smarter Balanced Assessment types
- Adaptive across grade levels
- Administered three times - BOY, MOY, and EOY
- Identifies students' instructional levels overall and in 4 domains

i-Ready Diagnostic and Instruction used for intervention and enrichment

- Places students on an individual instructional path
- Must be paired with small group instruction to gain full results
- <https://www.curriculumassociates.com/products/i-ready/tour>

Elementary Math Blocks

- 75 – 90 minutes of math per day
- Configuration varies by school
- Math Intervention/enrichment 30 minutes 2-3x per week based on i-Ready data
- 45 minutes i-Ready online instruction per week

Elementary Math Professional Development and Supports

- Full day content days – shared with science and ELA
- Biweekly Math Instructional Data Teams
- STEM coach support math and science
 - Data review
 - Coaching Cycles - Plan, Teach, Reflect

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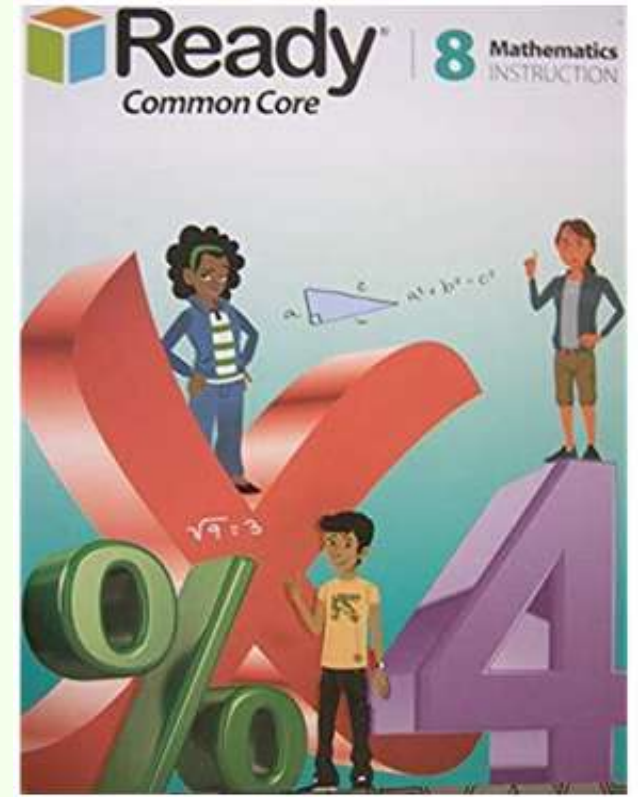
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Middle School Math Resources to Support Curriculum

Ready Common Core

- Tier 1 resource
- Print and digital resources available.
- CCSM aligned
- Representative of Smarter Balanced item types
- See coach for assistance



Middle School Math Resources to Support Curriculum

Ready Common Core Teacher Toolbox

- Tier One program from Curriculum Associates
- Lessons can be used to supplement i-Ready resources

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i-Ready Diagnostic and Instruction Grades 2-8

Diagnostic Assessment – All students 2 - 8

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- Adaptive across grade levels
- Administered three times - BOY, MOY, and EOY
- Identifies students' instructional levels overall and in 4 domains

i-Ready Diagnostic and Instruction used for intervention and enrichment

- Places students on an individual instructional path
- Must be paired with small group instruction to gain full results
- 250 students at comprehensive middle schools on U.A. schedule

Middle School Math Professional Development and Supports

- Full day content days – Math Solutions
 - Standards – Content and Math Practices
- Weekly Math Instructional Data Teams
- Math coach support
 - Data review
 - Coaching Cycles - Plan, Teach, Reflect

High School Math Resources to Support Curriculum

- Algebra I, Algebra II, Geometry, and Pre Calculus
- Directed, Guided and Investigative Activities
- Digital math tools
- Assessment Suite
 - Formative
 - Summative
 - Online and paper/pencil

SpringBoard Generic Login

<https://ccss.springboardonline.org/>

Username: water

Password: water123

