

The seal of West Windsor - Plainsboro Regional School District is circular. The outer ring contains the text "West Windsor - Plainsboro" at the top and "Regional School District" at the bottom. Inside the ring, there are two banners. The upper banner reads "EXCELLENCE" and the lower banner reads "IN EDUCATION".

Curriculum Review

September 2019

Curriculum and the Strategic Goals:

We believe that every individual has intrinsic worth, that embracing diversity enriches and empowers our community, and that people reach their full potential when encouraged to believe it is possible. Therefore, building upon our tradition of excellence, we will guide and support our students' growth, empowering them to value their individual learning journeys

Goal 1

Understanding that all students have diverse needs, backgrounds, and approaches to learning, we will integrate tools and structures to appropriately challenge and enable students to realize their full potential.

Goal 2

Embracing a rapidly changing world, we will empower learners to assume active roles in their communities, to face and engage global challenges and to contribute proactively toward a more peaceful, just, inclusive, and secure world.

Goal 3

Recognizing that children need to balance physical, social, emotional and academic needs, we will maintain a supportive culture and build structures for the health, safety, and well-being of the Whole Child.

Goal 1: Voice and Choice - *Student Centered Learning Environments*



Summer Curriculum Postings-2019

JOB #	Content Area/Job Description	Coordinator	Start
Business Curriculum			
748	Senior Internship/Practicum	Russell Wray	6.24
899	Accounting	Russell Wray	6.24
1063	Digital Communication	Russell Wray	6.24
ESL - Curriculum Articulation			
1314	Sheltered Instruction for English Language Learners	Cathy Reilly/Penny Fisher	6.24
Family and Consumer Science			
1087	Culinary Arts	Russell Wray	6.24
1126	International Foods	Russell Wray	6.24
Gifted & Talented			
679	G&T Curriculum Addendum Development	Susan Totaro	6.24
Guidance Curriculum Articulation			
260	Elementary Guidance Curriculum	Lee McDonald	6.24
1574	Middle School Guidance Curriculum	Lee McDonald	6.24
1800	High School Guidance Curriculum	Lee McDonald	6.24
Mathematics - Curriculum Articulation			
1741	Math 7/Math 7 Honors	Andrea Bean	6.24
1535	Algebra 1 H&A	Andrea Bean	6.24
738	AP Statistics	Andrea Bean	6.24
1536	Precalculus Honors	Andrea Bean	6.24
1537	Advanced Algebra 2	Andrea Bean	6.24
538	Pre-Algebra H&A	Andrea Bean	6.24
938	Math 6	Andrea Bean	6.24
977	Precalculus	Andrea Bean	6.24
888	Math 7 RC	Andrea Bean	6.24
Media Center-Curriculum Articulation			
1350	Grade PK Library	Allan Johnson	6.24
1351	Grade K Library	Allan Johnson	6.24
1530	Grade 1 Library	Allan Johnson	6.24
1583	Grade 2 Library	Allan Johnson	6.24
1584	Grade 3 Library	Allan Johnson	6.24
Science - Curriculum Articulation			
1082	Kindergarten NGSS Alignment	Richard Stec	6.24
1064	First Grade NGSS Alignment	Richard Stec	6.24
1278	Second Grade NGSS Revision	Richard Stec	6.24
1291	Third Grade NGSS Alignment	Richard Stec	6.24
1612	Fourth Grade NGSS Alignment	Richard Stec	6.24
318	Fifth Grade NGSS Alignment	Richard Stec	6.24
Social Studies - Curriculum Articulation			
1349	Content Area Support for Elementary Unit Development	Richard Stec	6.24
Special Services - Curriculum Articulation			
2100	AP United States History	Carl Cooper	6.24
1179	Consumer Math 1, 2, 3	Melissa Levine	6.24
2743	Community Based Instruction - High School	Melissa Levine	6.24
868	Skills A	Melissa Levine	6.24
872	Skills B	Melissa Levine	6.24

Summer Curriculum Postings-2019

2106	Middle School Math MD/Autism	Karen Abrams	6.24.19
179	Community Based Instruction- Middle School	Karen Abrams	6.24.19

2019 Summer Professional Development Opportunities

JOB #	Content Area/Job Description	Coordinator	1st Day	Last Day
Language Arts K-5				
1364	Unpacking New Literacy Units Study K-2	Penny Fisher		8.20.19 AM
1656	Unpacking New Literacy Units of Study 3-5	Penny Fisher		8.22.19 AM
2028	Phonics Jump Start!	Penny Fisher		8.21.19 AM
Language Arts 6-12				
1319	Equity, Inclusion, & Instruction	Cathy Reilly	6.26.19	6.27.19
Mathematic K-5				
1345	Math Institute Grades 3-5	Melissa Pearson	6.24.19	6.28.19
1346	Mathematics and Global Connections	Melissa Pearson/Sue Totaro		7.31.19 AM
Mathematics 6-12				
1347	Math Institute for Middle School	Andrea Bean	7.22.19	7.26.19
Social Studies				
609	Thinking Like a Historian and Engaging as a Citizen in 4th and 5th Grade Social Studies	Carl Cooper/Penny Fisher	8.20.19 AM	
735	Beyond the Simple Narrative: Social Studies Reading Groups	Carl Cooper	7.1.19; 7.18.19; 7.22.19	
1344	Wake Aton! How to Help Your Elementary Students Make the World a Better Place	Carl Cooper/Janet Bowes	7.1.19	
2028	Time Action! How to Help Your 6-12 Students Make the World a Better Place	Carl Cooper/Janet Bowes		7.24.19
Technology				
871	From Theory to Practice: 1:1 Learning Institute for 11 th and 12 th grade teachers and new teachers Grades 5-10	Allan Johnson	6.27.19	6.28.19
1230	From Theory to Practice: 1:1 Learning Institute for 11 th and 12 th grade teachers and new teachers Grades 5-10	Allan Johnson	8.6.19	8.7.19
Miscellaneous				
959	WW-P and America to Me Part I	Shauna Carter		7.23.19
246	WW-P and America to Me Part II	Shauna Carter		7.24.19
2092	Equity: Conversations, Reflection, and Action	Susan Totaro/Barbara Gould	7.16.19; 8.1.19; 8.21.19	
751	Gifted and Talented Education Strategies	Susan Totaro		7.18.19
1276	Know Me Before You Teach Me: Creating a Culture of Rapport and Respect	Susan Totaro/Shaina Carter		7.30.19

Curriculum

Professional Development

The tools are available!



Math K-5:

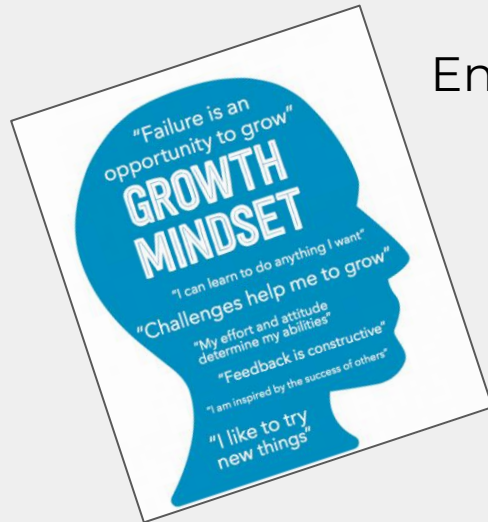
Place Value of Whole Numbers	
Content Area: Mathematics	
Course & Grade Level: Mathematics, Grade 4	
Summary and Rationale	
Numeric reasoning involves fluency and facility with numbers.	
Recommended Pacing	
19 Days	
New Jersey Student Learning Standards for Mathematics	
Standard 4.NBT.A. Generalize place value understanding for multi-digit whole numbers.	
Standard #	Standard
4.NBT.A.1	Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
4.NBT.A.2	Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, $<$ symbols to record the results of comparisons.
4.NBT.A.3	Use place value understanding to round multi-digit whole numbers to any place.
New Jersey Student Learning Standards for 21 st Century Life and Careers	
Career Ready Practices	
Standard #	Standard
CRP2.	Apply appropriate academic technical skills.
CRP4.	Communicate clearly and effectively with reason.
CRP8.	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP11.	Use technology to enhance productivity
9.2 Career Awareness, Exploration, and Preparation	
Standard #	Standard
9.2.A.A.4	Explain why knowledge and skills acquired in the elementary grades lay the foundation for future academic and career success.
New Jersey Student Learning Standards for Technology	
Standard #	Standard
8.1	All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
Instructional Focus	
Unit Enduring Understandings	
<ul style="list-style-type: none"> Number sense can be based on place value patterns. 	
Unit Essential Questions	
<ul style="list-style-type: none"> How does the position of a digit in a number affect its value? What are strategies for comparing the value of numbers? 	

Objectives
Students will know:
<ul style="list-style-type: none"> Place value in whole numbers up to and including the hundred thousand's place How to identify patterns in digits and periods Place value up to and including the hundred thousand's place in standard, expanded and word form Vocabulary: digit, rounding, about, expanded form, standard form, word form, place value, period
Students will be able to:
<ul style="list-style-type: none"> Use number sense, place value, and estimation understandings to solve problems. Recognize that in multi-digit numbers, a digit in one place represents ten times what it represents in the place to its right Identify, express, and model place value up to and including the hundred thousand's place in standard, expanded and word form Round multi-digit whole numbers to any place Compare and order numbers up to and including the hundred thousand's place Estimate items up to 1000 using base 10 knowledge Recognize that the place and period of a digit determines its value
Resources
Primary Text:
enVision Math
Instructional & Professional Resources:
<ul style="list-style-type: none"> Exemplars, <i>Problem Solving for the 21st Century</i> K-5 Math Teaching Resources <i>Math in Practice: Teaching Fourth Grade Math</i> by Kay B. Sammons, Susan O'Connell, & John SanGiovanni <i>Math Workshop: Five Steps to Implementing Guided Math, Learning Stations, Reflection, and More</i> by Jennifer Lemp <i>Mathematical Mindsets: Unleashing Students' Potential through Creative Math, Inspiring Messages and Innovative Teaching</i> by Jo Boaler <i>Mathset: Mathematical Concepts: Visualizing and Understanding Big Ideas, Grade 4</i> by Jo Boaler, Jen Munson, & Cathy Williams <i>Close the Gap for Mathematical Understanding, 3-5</i> by John J. SanGiovanni <i>Teaching Student-Centered Mathematics: Developmentally Appropriate Instruction for Grades 3-5 (Volume II)</i> by John A. Van de Walle, Karen S. Karp, LouAnn H. Lovin, & Jennifer M. Bay-Williams

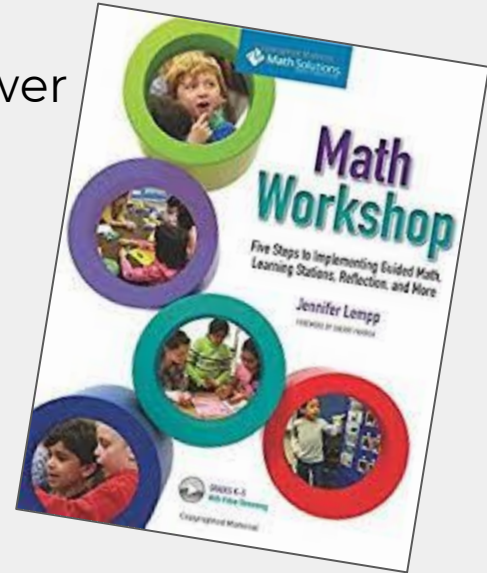
Connecting C&I with Strategic Goals

***Math Workshop Model:**

Equity, Voice and Choice, Small Group Instruction... to meet all students' needs!



Environments that empower and build SEL everyday by design.



Math MS/HS:

Quality and Compliance

- Interdisciplinary Connections
- Integration of 21st Century Skills
- Integration of Technology and
- Career Education
- Financial Literacy Standards



Special Education Focused:


Middle School Math MD/Autism

Community Based Instruction (MS and HS)

Consumer Math 1, 2, 3

Job Skills A and B

Science K-5:



**NEXT GENERATION
SCIENCE
STANDARDS**
For States, By States

THE STANDARDS

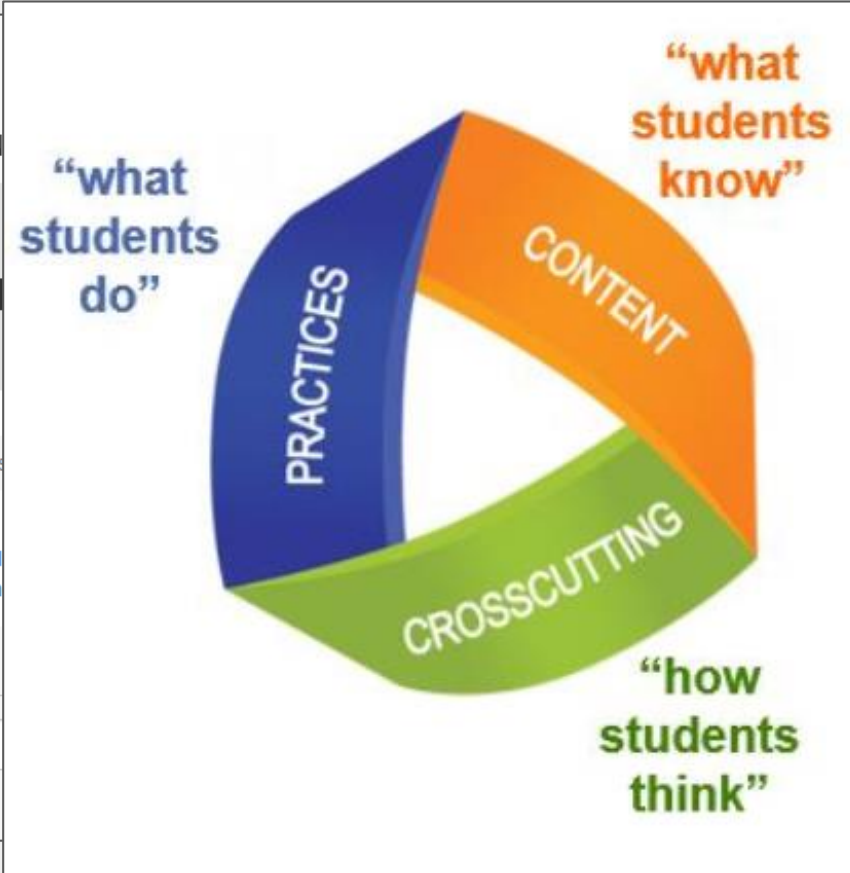
Read the Standards

The Standards / Read the Standards

To learn more about the standards, click here.
To learn more about the NGSS Appendices, click here.

KEYWORD SEARCH

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STANDARDS BY DCI >

DOWNLOAD DCI ARRANGEMENTS (4 MB) >

STANDARDS BY TOPIC >

Career and Technology Focused:

Accounting

Digital Communications

Culinary Arts

International Foods

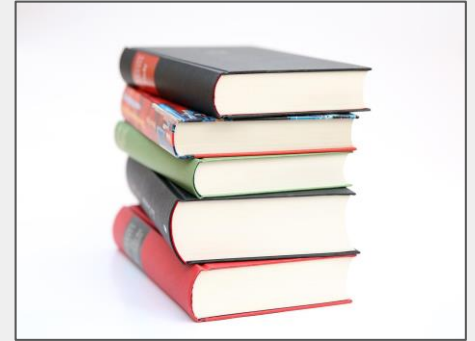
Senior Internship/Practicum

Media Center/Library/Makerspace

Program Review Work - Previous Decisions

Space will serve:

- Information Literacy / Research Skills (AASL)
- Maker Spaces
 - Next gen Science Standards
 - Tech standards (design and engineering)
 - 4C's: Soft Skills
 - Critical thinking
 - Creativity
 - Collaboration
 - Communication



Media Center/Library/Makerspace



Media Center K-3:



