



WMS Differentiation Report: Quarter 3

Grade (Content Area)	Instructional Methods & Practices
Curriculum: (i.e., summary of standards/content instructed)	Differentiation: Strategies used for differentiation. Enrichment/Extension: Materials and/or activities that are an extension of the lesson.

Grade 6 (English)	Instructional Methods & Practices
Curriculum: Persuasive Unit - Grammar (sentence structure, verbs) - Persuasive Writing (use of pre-assessment, mentor texts, group breakouts, graphic organizers, & modeled writing)	Differentiation: - Pre-assessment writing for persuasion - Tiered breakout sessions (reading, editing, etc.) - Choice of graphic organizers for planning of writing - Choice of persuasive writing topic - Writer's notebook prompts (paper or digital choice) - Adaptive online grammar practice site Enrichment/Extension: - Enrichment Slides in Figurative Language project. - Links to writing competitions

Grade 6 (Reading)	Instructional Methods & Practices
Curriculum: Nonfiction: Not Just the Facts - Organizational Patterns - Fact vs. Opinion	Differentiation: Students used various graphic organizers to show their understanding of different organizational patterns in nonfiction texts. Students were typically given a choice of multiple texts to read for each text structure.

● Main Idea and Supporting Details ● Inferring Word Work: Greek and Latin Roots and Bases Independent Reading Lexia	● Mentor texts on varying levels were offered for students to choose according to their pre-assessment scores. ● For Word Work, students work towards mastering Greek and Latin roots and bases using Master Paths in Canvas. There are 20 Modules for students to work towards completing. Working at their own pace, students learned, practiced, assessed, and applied their knowledge of the roots and bases for each module. Students are given choices on how to learn, and review those words in preparation for a post assessment. ● For Independent Reading, students have a choice in what they decide to read. Books are not assigned by the teacher. ● Lexia is a dynamic program that adapts to each student's individual needs. Students complete units and levels in three different strands: Word Study, Grammar, and Comprehension. Enrichment/Extension: Unit by unit anchor activities are offered to students for further exploration on each topic within a unit.
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Grade 7 (English)	Instructional Methods & Practices
Curriculum: Poetry and Figurative Language	Differentiation: ● Choice novels in verse ● Students could write their own poems for the poetry playlist ● For the poetry playlist, students chose their own poems ● Choice in identifying theme in fine art Enrichment/Extension: ● Include image for poems in the Poetry Playlist ● Memorize and record yourself reciting your poem and embed it on the poetry playlist ● Research the author of one or more of your poems. Include the poets biography and an analysis of how the poet's life impacted his or her poetry on the playlist. ● Optional extension activities in the study guide

Grade 8 (English)	Instructional Methods & Practices
Curriculum: Analysis of utopian short stories including <i>The Lottery</i> and <i>Harrison Bergeron</i> Dystopian Short story - students wrote their own story Sentence structure Grammar Bootcamp	Differentiation: • Students read, listened, and watched (<i>Harrison Bergeron</i>) to the utopian short stories • Students chose their own world issue to exaggerate for a dystopian short story • Slideshow on the structure of short stories was shared and discussed with students • Pre-assessment on sentence structure and grammar to see instructional level • Grammar bootcamp slides where students could manipulate the document to show understanding - a module was set up so students knew which order to go in and what assignments to complete. Students had to score at least an 80% on grammar quizzes in order to go on to the next topic. • Individual conferences offered in breakout rooms to go over areas of concern Enrichment/Extension: • Podcast challenge: as an extension, students are working on a podcast challenge. This is completed when they have class work finished. Students will: ○ Listen to different podcasts and take notes ○ Brainstorm ideas for their own podcast and determine audience ○ Create a storyboard and script ○ Record and edit podcast using iMovie, garageband, or voice memos ○ Option to submit to NPR contest

Grade 6 (US History)	Instructional Methods & Practices
Curriculum: Civil War Reconstruction Westward Expansion Immigration and Growth of Cities Progressive Reformers	Differentiation: • Multiple modes of instructional content deliver: videos, websites, NewsELA articles with different reading levels, group approaches to curricular activities as well as individual learning opportunities • Graphic organizers along with American Studies Notebook pages that allow students to follow template but also express ideas on their own • Digital maps, and option to draw vocabulary as well as explain in words to better understand

	Enrichment/Extension: - Unit 3 Choice Activities: websites, videos, games, Flipster magazines - Flipster: Great online magazine and Cobblestone has many issues relating to our topics - Choice Board for Westward Expansion
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Grade 7 (US History & Civics)	Instructional Methods & Practices
Curriculum: Economics Transformation of the U.S.	Differentiation: - Hyper-Docs to compare Economic and Political Systems. - Hook activities using visual and oral responses. - Four modes of communication utilized: Listening, reading, speaking, and writing. (BrainPop, video, notes, discussion) - Mind's Eye Lesson on Emma Lazarus' poem, <i>The New Colossus</i> - Graphic Organizers with visual summary - Use of Library App called "Flipster" with assigned readings followed by student choice in magazines offering Historical perspective. Enrichment/Extension: - Current Events Choice Board for Economics Unit - Practice Activity on Economic Systems - Flipster Activity for Historical Review

Grade 8 (World Geography)	Instructional Methods & Practices
Curriculum: Unit 5: Africa Globalization PBA Unit	Differentiation: - Students draw pictures for important vocabulary terms - Using the digital map in the online textbook to facilitate mapping inquiry - Students use graphic organizers and document analysis sheets to facilitate writing and analysis skills Enrichment/Extension: - General choice board and individual unit choice boards with various activities for students to select from

	including extra unit resources. ● Google Expeditions ● Google Maps ● GeoGuessr ● Digital Map Challenges with Settera and Lizard Point ● National Geographic Interactive Map Creator ● Leveled Newsela articles relating to specific unit topics/concepts ● Discovery Education video segments reinforcing unit topics/concepts Discussion boards for units for students to ask questions and get assistance from each other in a virtual/digital format. Additional documents for students to use to support their written arguments
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Grade 6 (Science)	Instructional Methods & Practices
Curriculum: Unit 3: The Atmosphere -Earth's Energy Budget -Differential Heating -Wind Unit 4: Weather -Seasons -Meteorology	Differentiation: ● ANCHOR choice activities within each classwork assignment; before each assessment, students can choose from a variety of options to help them review and prepare. Enrichment/Extension: ● Use of online simulations (FOSSweb & Gizmos) as opportunities for deeper conceptual understanding; ● Links offered within each classwork assignment to videos, websites, and articles that are deeper dives into current topics in class.

Grade 7 (Life Science)	Instructional Methods & Practices
Curriculum: DNA/Genetics	Differentiation: ● Genetics Practice problems were presented in a variety of levels and formats to challenge all learners. ● Personalized learning opportunities for students ● Meiosis Choice Board ● Cell Cycle Choice Project

	Enrichment/Extension: ● Genetic Engineering research and discussions - students could ● Genetic Disorder extension ● Dihybrid Genetic extension ● Incomplete Dominance and Codominance extension ● Protein Synthesis - Covid Vaccine explanation using mRNA ● DNA application in society
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Grade 8 (Physical Science)	Instructional Methods & Practices
Curriculum: Introduction to Matter Atomic Theory Periodic Table	Differentiation: ● Element Choice Project: Students are assigned an element from the periodic table to research. (When discovered, by whom, how it's used, other pertinent details). They then present that research in the manner of their choosing (write and illustrate a children's book, write and act out a sketch/play, create an informational poster/infographic, write a research paper about the element) ○ Students who require more support will be assigned an element that has easier to find details. Students with strong background knowledge will be assigned a more "difficult" element to stretch their research and skills. ○ Students who require more support will be provided with a template of a slideshow and/or infographic that they can use to fill out the information Enrichment/Extension: ● Periodic Table Escape Room ● Evolution of Periodic Table ● Enrichment Menu on Canvas for previous units available for students who want to go back to previous content

Grade 6 (Math 6)	Instructional Methods & Practices
Curriculum: Integer Operations	Differentiation: Best practices adapted to fit the virtual environment, cluster

Ratios and Rates Proportional Reasoning Expressions and Equations	grouping, and offering enrichment and extension opportunities, were used to support differentiated student learning. Many of the activities and online programs provide multiple entry points, tiered problems and opportunities for extension. Office Hours are utilized regularly to support differentiated practice. Enrichment/Extension: • Internet resources via the iPad -- Desmos, DeltaMath, iXL, Gizmos, Nearpod, GoFormative, Socrative • All students have iXL accounts. They are able to practice and extend skill work using their personalized account. • Voice and choice -- options given during Asynchronous time • Quizlet -- making online flashcards/study tools • Number Sense routines and Number Talks • Brain breaks • Face-ing Math Activities • Gimkits • Blooket • Tiered problems • Error analysis activities to exercise higher level critical and analytical thinking skills
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Grade 6 (Math 6 Extended)	Instructional Methods & Practices
Curriculum: Proportional Reasoning (including related problem solving: scale drawings, similar figures, and indirect measurement) Percent Applications Algebraic Expressions Algebraic Equations	Differentiation: The Math 6 Extended course covers Math 6 standards and Math 7 “power standards”. (2019 VA SOLs) Office Hours are utilized to support differentiated practice. Enrichment/Extension activities offered: Best practices adapted to fit the virtual environment, cluster grouping, and offering enrichment and extension opportunities, were used to support differentiated student learning. Many of the activities and online programs provide multiple entry points, tiered problems and opportunities for extension. • Internet resources via the iPad -- Desmos, DeltaMath, iXL, Gizmos, Nearpod, GoFormative, Socrative -- all used to introduce/practice/extend/assess content learning • All students have personalized iXL accounts. Skill work is leveled from K-12.

	• Voice and choice opportunities during Asynchronous time • Quizlet -- making online flashcards and study tools • Number Sense routines and Number Talks • Brain breaks • Gimkits • Blooket • Face-ing Math activities • Tiered problems • Error analysis activities to exercise higher level critical and analytical thinking skills
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Grade 7 (Math 7)	Instructional Methods & Practices
Curriculum: Unit 4: Equations Unit 5: Inequalities Unit 6: Proportions	Differentiation: The following activities, virtual routines, and best practices were used to support differentiated student learning. • IXL is an online program that helps us track real-time data to see if students need remediation and/or extension. • Delta Math is an online program that provides an adaptive opportunity for students. It provides multiple problems that will enable the student to achieve mastery of a concept. In addition, it gives the student instant feedback, as well as videos to provide remediation if necessary. • Desmos is an online program that allows teachers to gauge the level of mastery achieved by each student. This allows for targeted remediation and extension. • Asynchronous opportunity for the student to seek one-on-one support and remediation on individual questions or concerns. Also, this gives an opportunity for students to explore more challenging material. • Office Hours provide support for students who have not mastered the material. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. • Students are offered problems with various degrees of difficulty to deepen their understanding.

Grade 7 (Pre-Algebra for 7th Graders)	Instructional Methods & Practices
Curriculum: Equations and Inequalities	Differentiation: The following activities, virtual routines, and best practices were used to support differentiated student learning. • IXL is an online program that helps us track real-time data to see if students need remediation and/or extension. • Delta Math is an online program that provides an adaptive opportunity for students. It provides multiple problems that will enable the student to achieve mastery of a concept. In addition, it gives the student instant feedback, as well as videos to provide remediation if necessary. • Desmos is an online program that allows teachers to gauge the level of mastery achieved by each student. This allows for targeted remediation and extension. • Asynchronous opportunity for the student to seek one-on-one support and remediation on individual questions or concerns. Also, this gives an opportunity for students to explore more challenging material. • Breakout Rooms designed to provide activities that will provide support for students who are struggling with a concept as well as extension opportunities. • Office Hours provide support for students who have not mastered the material. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. • Students are offered problems with various degrees of difficulty to deepen their understanding.

Grade 7 (Algebra. 1 Intensified)	Instructional Methods & Practices
Curriculum: Unit 5: Systems of Equations Unit 6: Inequalities	Differentiation: • IXL is an online program that helps us track real-time data to see if students need remediation and/or extension. • Delta Math is an online program that provides an adaptive opportunity for students. It provides multiple problems that will enable the student to achieve mastery of a concept. In addition, it gives the student instant feedback, as well as videos to provide remediation if necessary.

	• Desmos is an online program that allows teachers to gauge the level of mastery achieved by each student. This allows for targeted remediation and extension. • Asynchronous opportunity for the student to seek one-on-one support and remediation on individual questions or concerns. Also, this gives an opportunity for students to explore more challenging material. • Breakout Rooms designed to provide activities that will provide support for students who are struggling with a concept as well as extension opportunities. • Office Hours provide support for students who have not mastered the material. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. • Students are offered problems with various degrees of difficulty to deepen their understanding.
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Grade 8 (Pre-Algebra for 8th Graders)	Instructional Methods & Practices
Curriculum: Unit 5: Inequalities Unit 6: Linear Function	Differentiation: • IXL is an online program that helps us to track real-time data to see if students need remediation and/or extension. • Classwork assignments on Delta Math allow students to receive immediate feedback on each problem. Students also answer a different number of questions depending on how many they answer correctly or incorrectly. • Choice between allowing students to work asynchronously or synchronously with their teacher for direct instruction or practice and support. • Small group instruction during asynchronous time and office hours when needed. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. These extensions are posted on the homepage, or within the modules of Canvas. • Students are offered problems with various degrees of difficulty to deepen their understanding.

Grade 8 (Algebra 1)	Instructional Methods & Practices
Curriculum: Unit 4: Linear Equations Unit 5: Systems of Equations Unit 6: Inequalities and Systems of Inequalities Unit 7: Radicals	Differentiation: • IXL is an online program that helps us to track real-time data to see if students need remediation and/or extension. • Classwork assignments on Delta Math allow students to receive immediate feedback on each problem. Students also answer a different number of questions depending on how many they answer correctly or incorrectly. • Choice between allowing students to work asynchronously or synchronously with their teacher for direct instruction or practice and support. • Small group instruction during asynchronous time and office hours when needed. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. These extensions are posted on the homepage, or within the modules of Canvas. • Students are offered problems with various degrees of difficulty to deepen their understanding.

Grade 8 (Algebra 1 Intensified)	Instructional Methods & Practices
Curriculum: Unit 5: Systems of Equations Unit 6: Inequalities and Systems of Inequalities Unit 7: Radicals	Differentiation: • IXL is an online program that helps us to track real-time data to see if students need remediation and/or extension. • Classwork assignments on Delta Math allow students to receive immediate feedback on each problem. Students also answer a different number of questions depending on how many they answer correctly or incorrectly. • Choice between allowing students to work asynchronously or synchronously with their teacher for direct instruction or practice and support. • Small group instruction during asynchronous time and office hours when needed. • Blended learning used to introduce content before synchronous class to differentiate the pace of instruction. Enrichment/Extension: • In Intensified Algebra, Algebra 2 topics are taught within the Algebra curriculum.

	• Students are offered extension topics, projects, or activities weekly or by unit. These extensions are posted on the homepage, or within the modules of Canvas. • Students are offered problems with various degrees of difficulty to deepen their understanding.
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Grade 8 (Geometry Intensified)	Instructional Methods & Practices
Curriculum: Surface Area Volume Circles Quadrilaterals Polygons	Differentiation: • IXL is an online program that helps us to track real-time data to see if students need remediation and/or extension. • Classwork assignments on Delta Math allow students to receive immediate feedback on each problem. Students also answer a different number of questions depending on how many they answer correctly or incorrectly. • Choice between allowing students to work asynchronously or synchronously with their teacher for direct instruction or practice and support. • Small group instruction during asynchronous time and office hours when needed. • Gimkit, Quizizz and Kahoot. Enrichment/Extension: • Students are offered extension topics, projects, or activities weekly or by unit. These extensions are posted on the homepage, or within the modules of Canvas. • Students are offered problems with various degrees of difficulty to deepen their understanding.