WMS Differentiation Report: Quarter 1

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: HMH - Unit 1: Finding Courage ● Vocabulary ● Conflict ● Plot structure ● *The Breadwinner* Grammar topics: ● Capitalization ● Punctuation ● Parts of Speech ● Common and Proper Nouns	**Differentiation:** ● Resource options accessing content via digitally or hard copy ● Options to complete work on paper or digitally. ● Variety of formative and summative assessments ● Independently selected books ● Students wrote a paragraph describing a setting of their choice in our class novel and supported their claim with evidence of their choosing from the text. ● Audio option for reading *The Breadwinner* and assessments. ● Graphic organizers provided support organizing ideas prior to writing **Enrichment/Extension:** ● Optional lesson on symbolism in *The Breadwinner* posted to Canvas ● Content related Gimkits and Kahoots ● Students encouraged to participate in the PTA Reflections contest

Grade 6 (Reading)	**Instructional Methods & Practices**
Curriculum: Unit 1: *Myself as a Reader* Goal Setting Unit 2: *Characters in Conflict* Inferring Characterization & Character Traits Motif & Theme Independent Reading Lexia Lexicon	**Differentiation:** ● As students practiced the reading strategy of inferring, multiple texts of varying reading levels and genres were available. Fiction and nonfiction texts were used. ● As students explored character, characterization, motif, and theme, they were given multiple texts to choose from in various formats (print, audio, and visual) and multiple formats to demonstrate mastery. ● Weekly slideshows, videos, texts, and files are available for students to review in each week's module on Canvas. ● For Independent Reading, students have a choice in what they decide to read. Books are not assigned by the teacher. Students report weekly on what they have read on a Google Form containing higher level thinking questions involving inferring, analyzing, evaluating, and creating. ● Students maintained a Personal Lexicon, adding at least two vocabulary words of their choice each week. ● 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. Students have the choice of which strand on which to work each week, and students move forward in Lexia at their own pace completing a minimum of 15 units a week. They have the freedom to do more units if they choose to do so. **Enrichment/Extension:** Unit by unit anchor activities are offered to students for further exploration on each topic within a unit. Enrichment and Extension activities are posted on the front page of the course in Canvas.

Grade 7 (English)	**Instructional Methods & Practices**
Curriculum: Obstacles ● Vocabulary ● Conflict ● Plot structure ● Point of View	**Differentiation** ● Discussions prompts-varying levels of Blooms prompts ● Pace of independent reading ● Scaffolded strategies for class text (chunking, modeling of fluent reading, independent reading, and checks for comprehension)

● Author's Purpose: Audience ● Theme ● Inferring ● Main Idea ● Writing Structure ● Transition Words Grammar/ Spelling topics: ● Quotation Marks ● Roots/ Affixes ● Word Origins	**Additional Strategies for Intensified Course** ● Thinking Routine: Claim, Support, Question for paragraph writing ● Used the Cornell Notes graphic organizer when reading *The Outsiders* ● Depth and Complexity Plot Transfer -transferring their understanding of plot within one text to another context ● Jacob's Ladder-Playing With Words for vocabulary development-evaluating word choice within text and the purpose behind it ● Frayer Model for vocabulary development -includes word origin in addition to other areas offered to regular class ● Jacob's Ladder-Cause and Effect with literary elements-analyzing how literary elements impact writing ● Vanderbilt Literary Analysis Wheel- students look at the connections between characterization and symbolism ● Characterization/ Symbolism extension activity ● Choose Your Own Adventure with intensified options including Jacob's Ladder ● Depth and Complexity STEAL Transfer- transferring their understand of characterization elements to another context ● Thinking Routine: Think, Pair, Share and Diving Into Literary Elements organizer ● TABA Poetry Slides- students brainstorm, generalize, and build conceptual understanding of the topic, Poetry ● Outsiders mini Socratic Seminar- students practice perspective taking with characters from *The Outsiders*

Grade 8 (English)	**Instructional Methods & Practices**
Curriculum: Unit 1: Community/ Identity ● Vocabulary ● Character ● Conflict ● Plot structure ● Compare/ Contrast Grammar/ Spelling topics: ● Conjunctions	**Differentiation** ● Grammar in Lexia-activities adapted to account for readiness ● Discussions prompts-varying levels of Blooms prompts ● Texts on varying levels of difficulty provided based on readiness ● Pace of independent reading ● Scaffolded strategies for class text (chunking, modeling of fluent reading, independent reading, and checks for comprehension) ● Grammar activities- tiered assignments

● Subordinating Conjunctions and Appositves ● Affixes and Latin Roots	**Additional Strategies for Intensified Course** ● Community QFT- to brainstorm higher level questions based on background knowledge for unit ● Jacob's Ladder Theme Activity provided students the opportunity to work through Blooms questioning with a higher level text: *A Haunted House* by Virginia Woolfe ● Compare and Contrast plot development with *My Favorite Chaperone* and *Union of Soviet Socialist Republics* ● Structured Academic Controversy: Melting Pot-students developed perspective taking and the art of compromise while examining a controversial topic ● Scarlet Ibis Analysis ● Grammar-Higher level Bloom tier added to assignments- the creation of sentences ● Discussion prompts-higher level Blooms prompts provided as needed and in Exit Tickets ● Summative Rubric- Tiered for advanced learners

Grade 6 (US History)	**Instructional Methods & Practices**
Curriculum: Geography Indigenous Peoples, Native Americans European Exploration Colonial Regions Colonial People	**Differentiation:** ● Pretests to determine personalized learning paths ● Role options for students assigned by student interests and academic strengths ● Variety of formative and summative assessments ● Resource options accessing content via Canvas ● Spiraling higher order thinking questions during daily discussions ● Choice of expression on open ended question (written vs. drawn for example) ● Document Based Questions Analysis and essay writing requirements based on student skill level ● Varied text levels used **Enrichment/Extension:** ● Digital choice options on Canvas ● Opportunities within class to highlight exemplary work and allow students to communicate their assignment creations ● Multimodal extension activities updated weekly on Canvas ● Project Zero (Harvard) thinking routines embedded in

	lessons

Grade 7 (Civics and Economics)	Instructional Methods & Practices
Curriculum: Unit 1: Foundations of Government Unit 2: Citizenship and Digital Citizenship Mock Election Activity - beginning part of Elections and the Political Process Unit	**Differentiation:** ● Vary reading levels of news articles ● Multi-modal instruction using four methods of communication, including oral response when offered ● Frayer Model for unit vocabulary terms ● Closed captioning provided for instructional videos ● Variety of formative and summative assignments and assessments ● Discussion boards using documents, articles, and personal experience to enrich curriculum ● Experiential exercise focusing on key national issues and the political spectrum - including self-reflection and class discussion ● Student research on candidates and key issues included in the 2023 Virginia election ballot and practice registering and voting in a “mock election” ● Extension/Choice Board activities offered in each unit, including additional practice, readings, articles, and iCivics games ● Unit-specific extension opportunities ● Digital citizenship activities **Additional Strategies for Intensified Course** ● Early documents analysis and poster activity ● Intensified unit assessments ● Unit question short essay response ● TABA critical thinking strategy with Advanced Academic Coach

Grade 8 (World Geography)	Instructional Methods & Practices
Curriculum: Unit 1: Introduction to World Geography & Geographic Skills	**Differentiation:** ● Students draw pictures for important vocabulary terms or create Frayer Models to visualize understanding and apply terms in different ways

Unit 2: Physical Geography Unit 3: Human Geography (includes culture + economics)	● Gallery walks with partners so students can work at their own pace with text and visuals provided at each station; these are supported by PowerPoint slides ● Pre-assessments to check prior knowledge, formative quizzes and lessons to extend understanding, summative tests to finalize learning (with retakes encouraged) ● Opening unit activity, called a Q-Focus, includes a prompt, text, data, and visuals with development of questions by students followed by discussion ● Students used Jacob's Ladder: Consequences and Complications to understand the global impact of celebrities in our culture unit (developed w/ AAC) **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 ● Sporcle ● Digital Map Challenges with Settera and Lizard Point ● National Geographic Interactive Map Creator ● GeoBee Challenge app from National Geographic ● Discovery Education video segments reinforcing unit topics/concepts ● Videos covering different topics (natural disasters, plate tectonics, culture) shown routinely

Grade 6 (Science)	**Instructional Methods & Practices**
Curriculum: Scientific & Engineering Practices (ongoing) Chemistry	**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:** ● Links offered for each classwork topic to videos, websites, and articles that are deeper dives into current topics in class.

Grade 7 (Life Science Intensified)	**Instructional Methods & Practices**
Curriculum: Scientific & Engineering Practices (ongoing) Characteristics of Life, Cell Theory, Introduction to Classification	**Differentiation:** ● Choice activities offered to demonstrate understanding of spontaneous generation (writing, drawing, or acting out) ● Choice activities offered to demonstrate different depths of understanding of classification ● Student choice in the independent science project ● Opportunity to extend and expand science project experience to the WMS Science Fair or participation in the Virginia Junior Academy of Science. ● Tiered Summative Assessments **Additional Strategies for Intensified Course** ● Choice activities to develop understanding of Cell Theory (math/history focus or english/art focus) ● More complex choice activities offered to demonstrate understanding of classification (6 word memoir, dichotomous key, etc) ● Collaborative Persuasive Argument/Debate defending their assigned organ systems as most important ● PBL Life on Mars to introduce and reflect on the characteristics of life. ● Tiered Summative Assessments ● Discussion prompts-higher level Blooms prompts provided ● Lessons include analysis component in addition to application

Grade 8 (Physical Science)	**Instructional Methods & Practices**
Curriculum: Unit 1: Energy Forms and Transformations Unit 2: Matter - Properties and Changes	**Differentiation:** ● Personalized learning options dependent on student needs - tiered learning activities. ● Opportunities to extend learning through the Science Fair ● Pre-assessments used to develop deeper learning opportunities to match student knowledge. ● Students develop individualized goals to address learning each day. **Additional Strategies for Intensified Course**

	● Depth & Complexity prompts within Density Lab ● SCAMPER ● Renewable/ Nonrenewable Energy QFT ● Renewable/ Nonrenewable Energy Problem Based Learning unit ● Renewable/Nonrenewable Structured Academic Controversy ● Mind Mapping with Energy ● Energy TABA Concept Model to build background knowledge and generalizations ● Thinking Routines built into lab observations- Ways Things Can Be complex

Grade 6 (Math 6)	**Instructional Methods & Practices**
Curriculum: Math 6 standards are being taught. (2019 VA SOLs) Integer Concepts and Operations Whole Number Exponents Perfect Squares Coordinate Plane	**Differentiation:** ● **Cluster Grouping:** When able, we place students in gifted clusters to encourage student discourse. ● **Enrichment and extension opportunities** ○ Many of the activities and online programs provide multiple entry points, tiered problems and opportunities for extension. ● Varied levels of "May Do" activities to complete (some to extend students, others ro reinforce previous skills) **Enrichment/Extension:** ● Internet resources via the iPad -- **Desmos, DeltaMath, Dreambox** ● Voice and choice -- options given during **independent** time ● Number Sense routines and Number Talks ● Brain breaks ● Tiered problems ● **Error analysis** activities to exercise higher level critical and analytical thinking skills

Grade 6 (Pre-Algebra for 6th Graders)	**Instructional Methods & Practices**
Curriculum:	**Differentiation:** ● Advanced course

Math 6, 7 and 8 Standards are being taught. (2019 VA SOLs) Integer Concepts and Operations The Real Number System	● Enrichment and extension opportunities throughout unit lessons and activities ○ Activities and online programs provided multiple entry points, tiered problems and opportunities for extension. **Enrichment/Extension activities offered:** ● Internet resources via the iPad -- **Desmos**, **Dreambox**, **Nearpod**, **DeltaMath**, **Gizmos, enVision resources** -- all used to introduce/practice and/extend content learning ● Voice and choice opportunities during **independent** practice time ● Quizlet -- making online flashcards and study tools ● Number Sense routines and Number Talks ● Brain breaks ● Tiered problems ● **Error analysis** activities to exercise higher level critical and analytical thinking skills

Grade 7 (Math 7)	**Instructional Methods & Practices**
Curriculum: Unit 1: Rational Number Sense, Powers of Ten, and Scientific Notation Unit 2: Expressions, Equations, and Inequalities	**Differentiation:** ● **Dreambox Math** is an adaptive program that provides students a personalized learning plan. It provides instant feedback as well as prompting for how to solve the problems. No two students' learning plans are the same. ● **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. ● **Choice Boards** are used to support student understanding of many topics. Various levels of choices are provided to students to foster personalized learning for every student. **Enrichment/Extension offered:** ● Extension topics or activities weekly or by unit. ● Problems with various degrees of difficulty to deepen their understanding.

	● Error analysis activities to exercise higher level critical and analytical thinking skills. Error analysis problem sets given within each unit.

Grade 7 (Pre-Algebra for 7th Graders)	**Instructional Methods & Practices**
Curriculum: Unit 1: Real Numbers Unit 2: Expressions, Equations, and Inequalities	**Differentiation:** ● **Dreambox Math** is an adaptive program that provides students a personalized learning plan. It provides instant feedback as well as prompting for how to solve the problems. No two students' learning plans are the same. ● **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. ● **Choice Boards** are used to support student understanding of many topics. Various levels of choices are provided to students to foster personalized learning for every student. **Enrichment/Extension offered:** ● Extension topics or activities weekly or by unit. ● Problems with various degrees of difficulty to deepen their understanding. ● Error analysis activities to exercise higher level critical and analytical thinking skills. Error analysis problem sets given within each unit.

Grade 7 (Algebra. 1 Intensified)	**Instructional Methods & Practices**
Curriculum: Unit 1: Laws of Exponents Unit 2: Solving Equations Unit 3: Functions	**Differentiation:** ● **Dreambox Math** is an adaptive program that provides students a personalized learning plan. It provides instant feedback as well as prompting for how to solve the problems. No two students' learning plans are the same. ● **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. ● **Choice Boards** are used to support student understanding of many topics. Various levels of choices are provided to students to foster personalized learning for every student. ● **Formative** is an online program where we can see students work in real-time, affording us the opportunity to provide instant feedback **Enrichment/Extension offered:** ● Extension topics, projects, or activities weekly or by unit. ● Problems with various degrees of difficulty to deepen their understanding. ● Error analysis activities to exercise higher level critical and analytical thinking skills. Error analyze problem sets given within each unit.

Grade 8 (Pre-Algebra for 8th Graders)	**Instructional Methods & Practices**
Curriculum: Unit 1: Real Number System Unit 2: Consumer Applications and Proportional Reasoning Unit 3: Expressions and Equations	**Differentiation:** ● 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 activities that allow students to choose which activities suit them better. . **Enrichment/Extension offered:** ● Extension activities by unit. These extensions are posted on the landing page link to the Learning Path in Canvas.

Grade 8 (Algebra 1)	**Instructional Methods & Practices**
Curriculum: Unit 1: Laws of Exponents	**Differentiation:** ● Classwork assignments on Delta Math allow

Unit 2: Solving Equations	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 activities that allow students to choose which activities suit them better. ● Small group instruction during work time. **Enrichment/Extension offered:** ● Extension topics, projects, or activities by unit. These extensions are posted on the homepage, within the modules in Canvas, and at the end of each assignment sheet. ●

Grade 8 (Algebra 1 Intensified)	**Instructional Methods & Practices**
Curriculum: Unit 1: Laws of Exponents Unit 2: Solving Equations Unit 3: Functions	**Differentiation:** ● 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 activities that allow students to choose which activities suit them better. ● Small group instruction during work time. ● Number sense routines **Enrichment/Extension:** ● Extension topics, projects, or activities by unit. These extensions are posted on the homepage, or within the modules in Canvas. ● Problems with various degrees of difficulty to deepen their understanding. Tiered problems within each topic. For example: multi step equations with 2 steps compared to 5 or more steps. ● **Error analysis** activities to exercise higher level critical and analytical thinking skills. Error analyze problem sets given within each unit.

Grade 8 (Geometry Intensified)	**Instructional Methods & Practices**
Curriculum: Unit 1: Logic Unit 2: Proofs Unit 3: Parallel Lines	**Differentiation:** ● 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 activities that allow students to choose which activities suit them better. **Enrichment/Extension offered:** ● Extension activities by unit. These extensions are posted on the landing page link to the Learning Path in Canvas.