



## Dorothy Hamm Middle School Differentiation Report Fourth Quarter, 2020-2021

<b>Grade 6 English Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Social Issues Inquiry Unit	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Inquiry unit included choice in research topic covering a wide range of issues. Students conducted research using databases, gathered their information, paraphrased, and used MLA citation.</li> <li>● Students completed a research product of their choice. They had twelve options ranging from short story &amp; poetry to creating their own soundtrack to iMovie production.</li> </ul>
<b>Grade 6 Reading Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Social Issue Book Clubs  Reading SOL	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● <b>Social Issue Book Clubs</b> - students were challenged to choose and read literature related to real world issues. They engaged in conversations with their peers around the chosen text and were supported by the notes they took as they read. They reflected throughout the quarter on ways to read more deeply and ways to share thinking aloud in a book club structure.</li> <li>● <b>Reading SOL</b> -- in preparation for the reading SOL, students practiced skills needed to effectively respond to standardized comprehension questions.</li> </ul>
<b>Grade 7 English Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Poetry Figurative language	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Scaffolded note taking (guided notes, Cloze notes, paraphrasing notes)</li> </ul>

<p>SOL Preparation</p>	<ul style="list-style-type: none"> <li>• Independent reading - student choice on book</li> <li>• Independent book project - student choice on project. Options focused on different learning styles.</li> <li>• Scaffolded poetry analysis - whole class, small group, independent work</li> <li>• In preparation for the reading SOL, students practiced skills needed to effectively respond to standardized comprehension questions.</li> </ul>
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<p><b>Grade 8 English Curriculum (i.e., summary of standards/content instructed)</b></p>	<p><b>Instructional Methods &amp; Practices</b></p>
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<p><b>Curriculum</b>          Spoken Word Poetry          Revision Workshop -- Poetry          Reading SMART Goal          Reading SOL</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• <b>Spoken word poetry and revision</b> -- students drafted several poems with the support of mentor poems. Selecting one poem, students practiced a variety of revision techniques including adding figurative language, considering poetic form, focusing on precise vocabulary. Finally, students practiced and performed a poem to record. Performances were shared in class.</li> <li>• <b>Reading SMART goal</b> -- students set personal quarterly reading SMART goals. Throughout the quarter, students reflected on progress toward the goal and collected evidence of growth.</li> <li>• <b>Independent reading</b> -- students are expected to read 2.5 hours per week in a choice book. Teachers provide recommendations, personalized book lists and access to a large classroom library. Students are challenged to read broadly.</li> <li>• <b>Reading SOL</b> -- in preparation for the reading SOL, students practiced skills needed to effectively respond to standardized comprehension questions.</li> </ul>
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<p><b>Grade 6 US History and Civics I Curriculum (i.e., summary of standards/content instructed)</b></p>	<p><b>Instructional Methods &amp; Practices</b></p>
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<p><b>Curriculum</b>          Progressive Era          Harlem Renaissance          WWI, WWII, Cold War</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• Socratic Seminar - research and preparation</li> <li>• Socratic Seminar Group Presentation (Students' choice of 4 Progressive Era topics: Women's Suffrage, Prohibition, Child Labor, Organized Labor)</li> </ul>
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	<ul style="list-style-type: none"> <li>● Socratic Seminar Reflection Assessment</li> <li>● Harlem Renaissance Placard Project</li> <li>● One-Pager Final Project on the topic of students' choice from 4th quarter curriculum</li> </ul>
<b>Grade 7 US History and Civics II Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> American Conflicts (WWI, WWII, Cold War)	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Use of pre-assessments</li> <li>● Use of leveled texts</li> <li>● Differentiated assignments within unit</li> <li>● Choice menu/boards with activities that level in difficulty</li> <li>● Weekly optional “may-do” extension activities, particularly on asynchronous Mondays</li> </ul>
<b>Grade 8 World Geography Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Middle East and North Africa Russia, the Baltics and Central Asia Monsoon and Far East Asia Europe Australia & Oceania North America	<b>Differentiation Strategies Offered:</b> <ul style="list-style-type: none"> <li>● Leveled Texts available for reading assignments</li> <li>● Spiraling questions during class discussions, particularly at Russia Summit Meeting</li> <li>● Student Choice of resources at different levels of rigor, to access information f</li> <li>● Unit 7 &amp; Unit 9 Pre-Test and Book Extension opportunity for those who scored 90% and above. Students who participated in Book Extension received different work, not extra work and were excused from several in-class assignments.</li> <li>● Hinduism and Buddhism Compare &amp; Contrast Performance Based Writing Assessment</li> <li>● European Country Museum Box Project - choice project with visual and written elements</li> </ul>

<b>Grade 6 Science Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Weather Matter	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Extreme Weather project - choice project with extension</li> </ul>

	<ul style="list-style-type: none"> <li>options</li> <li>● Elements, Compounds and Mixtures identification practice extension</li> <li>● Different extension options always available if students finish work early (general science and topic specific)</li> </ul>
<b>Grade 7 Science Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Evolution/ Natural Selection Ecology	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Modeling Natural Selection - choice project with extension opportunities</li> <li>● Biome Project - choice project with extension opportunities</li> <li>● Personalized feedback and self-directed learning/researching</li> <li>● Interest based research</li> </ul>
<b>Grade 8 Science Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Speed, velocity, acceleration Work, force, power Waves Electricity SOL Review	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Leveled extensions to match academic strengths and needs of students</li> <li>● Extended learning opportunities above and beyond Virginia Standards</li> <li>● Opportunity for independent work at student's own pace</li> <li>● Differentiated projects (Cicada project, Instagram Project)</li> <li>● Engineering and Design project- Rollercoaster Project (content: kinetic and potential energy)</li> <li>● VJAS Support- students who entered science fair had the opportunity to write a paper communicating their results. Support given through weekly virtual meetings with gifted resource teacher, librarian, and/or science teacher.</li> </ul>

<b>Grade 6 - Math 6</b>	<b>Instructional</b>
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<b>Curriculum (i.e., summary of standards/content instructed)</b>	<b>Methods &amp; Practices</b>
<b>Curriculum</b> Inequalities Measures of Center Circle Graphs	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Choice Boards</li> <li>● Student specific lessons assigned in Dreambox as options</li> <li>● Breakout rooms for student work</li> <li>● Sage &amp; Scribe Activities</li> <li>● Tiered assignments based on Pre-Test</li> <li>● Pacing with Desmos lessons</li> <li>● Self Checking Assignments in GoFormative</li> <li>● Number Sense Routines</li> </ul>
<b>Grade 6 - Math 6 Extended Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Measures of Center Circle Graphs Surface Area Volume Quadrilaterals Circles Transformations Theoretical vs. Experimental Probability	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Choice Boards</li> <li>● Student specific lessons assigned in Dreambox at 7th and 8th grade levels</li> <li>● Breakout rooms for student work</li> <li>● Sage &amp; Scribe Activities</li> <li>● Tiered assignments based on Pre-Test</li> <li>● Pacing with Desmos lessons</li> <li>● Self Checking Assignments in GoFormative</li> <li>● Number Sense Routines</li> </ul>
<b>Grade 7 - Math 7 Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<b>Curriculum</b> Linear functions, slope y-intercept Probability Fraction operations and proportions Equations and inequalities	<b>Differentiation Strategies Offered</b> <ul style="list-style-type: none"> <li>● Choice boards with extensions</li> <li>● Tiered assignments based on flipped lesson</li> <li>● Pacing within Desmos or Nearpod practice problems</li> <li>● Flexible Grouping methods</li> <li>● Dreambox</li> </ul>
<b>Grade 7 - Pre-Algebra Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>

<p><b>Curriculum</b>          Linear Functions          Probability          Data + Statistics</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• Weekly choice boards with extensions (not more work, just different work)</li> <li>• Open Middle Tasks</li> <li>• Self paced Desmos lessons correlated to 8th grade standards</li> <li>• Self-paced asynchronous work</li> <li>• Number Sense Routines</li> <li>• Puzzles</li> <li>• Open - ended questions</li> </ul>
<p><b>Grade 7 - Algebra I Curriculum (i.e., summary of standards/content instructed)</b></p>	<p><b>Instructional Methods &amp; Practices</b></p>
<p><b>Curriculum</b>          Polynomials          Factoring          Quadratics</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• Choice boards with extensions (not more work, just different work)</li> <li>• Self-paced asynchronous work</li> <li>• Number Sense Routines</li> <li>• Open-ended questions</li> <li>• RAFT project</li> </ul>
<p><b>Grade 8 Pre-Algebra Curriculum (i.e., summary of standards/content instructed)</b></p>	<p><b>Instructional Methods &amp; Practices</b></p>
<p><b>Curriculum</b>          Functions, domain/range, slope-intercept form          Pythagorean Theorem          Unit rates and proportions</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• Choice boards with extensions</li> <li>• Tiered assignments based on flipped lesson</li> <li>• Pacing within Desmos or Nearpod practice problems</li> <li>• Flexible Grouping methods</li> <li>• Dreambox</li> </ul>
<p><b>Grade 8 Algebra I Curriculum (i.e., summary of standards/content instructed)</b></p>	<p><b>Instructional Methods &amp; Practices</b></p>
<p><b>Curriculum</b>          Polynomials          Factoring          Quadratics</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>• Choice boards with extensions (not more work, just different work)</li> <li>• Self-paced asynchronous work</li> <li>• Number Sense Routines</li> <li>• Open-ended questions</li> <li>• RAFT project</li> </ul>
<p><b>Grade 8 Algebra I Int.</b></p>	<p><b>Instructional</b></p>

<b>Curriculum (i.e., summary of standards/content instructed)</b>	<b>Methods &amp; Practices</b>
<p><b>Curriculum</b>            Polynomials            Factoring            Quadratics</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>● Choice boards with extensions (not more work, just different work)</li> <li>● Self-paced asynchronous work</li> <li>● Number Sense Routines</li> <li>● Open-ended questions</li> <li>● RAFT project</li> </ul>
<b>Grade 8 Geometry Int. Curriculum (i.e., summary of standards/content instructed)</b>	<b>Instructional Methods &amp; Practices</b>
<p><b>Curriculum</b>            Circles            Area &amp; Volume            Coordinate Geometry            Quadratics</p>	<p><b>Differentiation Strategies Offered</b></p> <ul style="list-style-type: none"> <li>● Choice boards with extensions (not more work, just different work)</li> <li>● Self-paced asynchronous work</li> <li>● Number Sense Routines</li> <li>● Open-ended questions</li> </ul>