



## 3<sup>rd</sup>/4<sup>th</sup> Grade Information for Parents

This document identifies each progress report standard, with noted extensions for students receiving highly capable services. The left-hand column indicates the grade level standard, and the right-hand column notes the intended extension. The advanced activities and assignments in the highly capable classroom stretch students beyond grade-level standards.

Students are expected to master skills at a faster pace, to cover topics in greater depth and complexity, and to demonstrate a sophisticated level of understanding. The scores on the progress report reflect the student's performance in this rigorous setting.

Math	
<p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Apply and adapt a variety of appropriate strategies to solve problems that arise in mathematics and in other contexts</li> <li>• Make and investigate mathematical conjectures</li> <li>• Develop and evaluate mathematical arguments</li> <li>• Organize and consolidate mathematical thinking through communication, communicate mathematical thinking coherently</li> <li>• Analyze and evaluate the mathematical thinking and strategies of others</li> <li>• Recognize and use connections among mathematical ideas</li> </ul>	
3 <sup>rd</sup> /4 <sup>th</sup> Grade Standard	Highly Capable 3 <sup>rd</sup> /4 <sup>th</sup> Grade Extensions
<p><b>Operations and Algebraic Thinking</b>            3<sup>rd</sup>: Represents and solves problems involving multiplication and division, understands properties of multiplication and the relationship between multiplication and division, multiples and divides within 100            4<sup>th</sup>: <i>Uses the four operations with whole numbers to solve problems, gains familiarity with factors and multiples, generates and analyzes patterns</i></p>	<ul style="list-style-type: none"> <li>• Applies pattern strategies to solve complex problems</li> <li>• Writes and interprets numerical expressions to identify an unknown</li> </ul>
<p><b>Numbers and Operations in Base Ten</b>            3<sup>rd</sup>: Uses place value understanding and properties of operations to perform multi-digit arithmetic            4<sup>th</sup>: <i>Generalizes place value understanding for multi-digit whole numbers, uses place value understanding and properties of operations to perform multi-digit arithmetic</i></p>	<ul style="list-style-type: none"> <li>• Analyzes number systems and can convert within them</li> <li>• Performs operations with multi-digit whole numbers and decimals</li> </ul>
<p><b>Number and Operations</b>            3<sup>rd</sup>: Develops understanding of fractions as numbers            4<sup>th</sup>: <i>Extends understanding of fraction equivalence and ordering, builds fractions from unit fractions from previous understanding of operations and whole numbers, understands decimal and notation for fractions, and compares decimal fractions</i></p>	<ul style="list-style-type: none"> <li>• Applies equivalent fractions as a strategy to add and subtract fractions</li> <li>• Identifies fractions as representations of division</li> <li>• Multiplies fractions with whole numbers and fractions</li> </ul>
<p><b>Measurement and Data</b>            3<sup>rd</sup>: Solves problems involving measurement and estimation of time, volume, and mass, represents and interprets data, understands concepts of area; recognizes perimeter, linear and area measures            4<sup>th</sup>: <i>Solves problems involving measurement and conversion of measurements from a larger unit to a smaller unit, represents and interprets data, understands concepts and measurement of</i></p>	<ul style="list-style-type: none"> <li>• Understands concepts of volume and relates volume to multiplication and addition</li> <li>• Applies knowledge of area, perimeter, and angles to solve problems for unknown measurements</li> <li>• Converts and solves problems of units within a given system</li> </ul>
<p><b>Geometry</b>            3<sup>rd</sup>: Reasons with shapes and their attributes            4<sup>th</sup>: <i>Draws and identifies lines and angles, and classifies shapes by properties of their lines and angles</i></p>	<ul style="list-style-type: none"> <li>• Graphs points on a coordinate plane to solve real-world and mathematical problems</li> <li>• Constructs a shape from a given set of properties</li> <li>• Identifies and classifies 3 dimensional shapes by properties</li> </ul>
<p><b>Math Facts</b>            3<sup>rd</sup>: Memorizes addition and subtraction facts to 18 and multiplication facts to 100 (10x10)            4<sup>th</sup>: <i>Fluently uses multiplication and division facts</i></p>	<ul style="list-style-type: none"> <li>• With automaticity, uses multiplication and division facts through 12's</li> </ul>

## Reading

### 3<sup>rd</sup>/4<sup>th</sup> Grade Standard

### Highly Capable 3<sup>rd</sup>/4<sup>th</sup> Grade Extensions

<p><b>Key Ideas and Details</b> – Determines the main idea or purpose of a text, recounts the key details, and explains how they support the purpose of the main idea with textual evidence</p>	<ul style="list-style-type: none"> <li>Compares and contrasts internal and external influences on settings, characters, and events over time</li> <li>Summarizes and encapsulates important ideas</li> <li>Applies elements of reasoning (purpose, point of view, inferences, etc.) to comprehend complex texts</li> <li>Understands cause and effect and its relationship to consequences and implications within a text</li> <li>Classifies details to make generalizations within a text</li> <li>Considers long and short term consequences of solutions both in the text and in the real world</li> </ul>
<p><b>Craft and Structure</b> – Determines the meaning of words and phrases as they are used in context</p>	<ul style="list-style-type: none"> <li>Uses reference materials to determine meaning, pronunciation, and origin of words and word stems</li> <li>Self-selects various reference materials including atlases, dictionaries, and websites to find answers to questions about a topic</li> <li>Increases number of known words</li> </ul>
<p><b>Integration of Knowledge and Ideas</b>            3<sup>rd</sup>: Compares and contrasts information from multiple sources to demonstrate understanding of text             4<sup>th</sup>: <i>Integrates information from multiple sources on the same theme or topic</i></p>	<ul style="list-style-type: none"> <li>Uses reading strategies such as predicting, questioning, and connecting to own experiences</li> <li>Identifies a concept or “Big Idea” that supports interdisciplinary connections e.g., change</li> <li>Employs a variety of strategies to include: determining importance, making inferences, drawing conclusions, and considering multiple perspectives in non-fiction text</li> </ul>
<p><b>Range of Reading and Complexity of Text</b> – Reads and comprehends complex literary and informational texts independently and proficiently</p>	<ul style="list-style-type: none"> <li>Reads and comprehends literary and informational texts independently and proficiently at least one year above grade level</li> <li>Uses text features including headings, graphs, and table of contents</li> <li>Summarizes and encapsulates important ideas</li> <li>Understands the concept of change to analyze literature</li> <li>Monitors reading and know what to do when not comprehending</li> </ul>
<p><b>Phonics and Word Recognition</b> – Knows and applies grade level phonics and word analysis skills in decoding words</p>	<ul style="list-style-type: none"> <li>Uses a variety of word recognition skills with increasingly complex text</li> <li>Uses context, word parts, knowledge of stems and word origins to figure out unfamiliar words</li> </ul>
<p><b>Fluency</b> – Reads with sufficient accuracy and fluency to support comprehension</p>	<ul style="list-style-type: none"> <li>Uses expression, rhythm, and phrasing in complex texts</li> </ul>

## Science

3 <sup>rd</sup> /4 <sup>th</sup> Grade Standard	Highly Capable 3 <sup>rd</sup> /4 <sup>th</sup> Grade Extensions
<b>Demonstrates engineering and technology skills</b>	<ul style="list-style-type: none"> <li>Investigates &amp; demonstrates understanding of the natural world in a systematic way like a scientist &amp; applies these skills &amp; knowledge to solve problems</li> <li>Applies appropriate methodology and procedures to investigate a scientific principle</li> <li>Creates an individual scientific project (investigation, technology, or invention)</li> <li>Acquires significant content knowledge through the course of solving an interdisciplinary, real-world problem</li> </ul>
<b>Demonstrates knowledge and skills within the life science unit</b>	
<b>Demonstrates knowledge and skills within the earth science unit</b>	
<b>Demonstrates knowledge and skills within the physical science unit</b>	

## Social Studies

3 <sup>rd</sup> /4 <sup>th</sup> Grade Standard	Highly Capable 3 <sup>rd</sup> /4 <sup>th</sup> Grade Extensions
<b>3<sup>rd</sup>: Demonstrates knowledge and skills within unit guidelines</b>  <b>4<sup>th</sup>: Demonstrates knowledge and skills within unit guidelines: Washington State History including local tribal history</b>	<ul style="list-style-type: none"> <li>Applies abstract concepts such as systems, cause and effect, and how things change over time to understand the impact of the past on the present</li> <li>Applies skills of historical analysis and historical interpretation to primary and secondary sources of information</li> <li>Investigates various cultures and communities, with attention to defining features of geography, history, and traditions</li> </ul>

## Writing

3 <sup>rd</sup> /4 <sup>th</sup> Grade Standard	Highly Capable 3 <sup>rd</sup> /4 <sup>th</sup> Grade Extensions
<b>Demonstrates the ability to use the writing process</b> – pre-writing, drafting, revision, editing, publishing	<ul style="list-style-type: none"> <li>Identifies and writes to specific purposes and audiences</li> <li>Utilizes pre-writing strategies that are best matched for genre and own skill set</li> <li>Demonstrates proficiency in the writing process to enhance their own writing and the writing of their peers</li> <li>Uses technology, including the Internet, to produce and publish writing</li> </ul>
<b>Demonstrates the ability to write opinion pieces with research</b>	<ul style="list-style-type: none"> <li>Produces opinion pieces that are representative in development, clarity, and complexity of writing at least one grade-level above</li> <li>Supports opinion pieces with valid reasoning and considers point of view</li> <li>Elaborates on specific details to enhance reasoning</li> </ul>
<b>Demonstrates the ability to write informative pieces with research</b>	<ul style="list-style-type: none"> <li>Produces informative pieces that are representative in development, clarity, and complexity of writing at least one grade-level above</li> <li>Conducts research by applying skills of questioning, information gathering, and synthesis</li> <li>Utilizes text and graphics features within complex pieces</li> <li>Creates and organizes information using charts, diagrams, and timelines as appropriate</li> </ul>
<b>Demonstrates the ability to write narrative pieces</b>	<ul style="list-style-type: none"> <li>Produces narrative pieces that are representative in development, clarity, and complexity of writing at least one grade-level above</li> <li>Applies the use of literary devices to elaborate details</li> <li>Employs a variety of writing structures (folktale, poetry, fantasy, etc.)</li> <li>Communicates character traits through appearance, behaviors, and dialogue</li> </ul>
<b>Demonstrates grade level: appropriate grammar and usage, conventions of capitalization, punctuation, and spelling</b>	<ul style="list-style-type: none"> <li>Applies appropriate grammar and usage, conventions of capitalization, punctuation, and spelling to pieces of greater complexity</li> </ul>