

Puyallup School District Super Essential Standards

Sixth Grade

English – Language Arts

Literary & Information Text

RL.6.5 Analyze how a particular sentence, chapter, scene, or stanza fits into overall structure of a text and contributes to the development of the theme, setting, or plot.

RL.6.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text

RL.6.9 Compare and contrast texts in different forms or genres (e.g., stories and poems; historical novels and fantasy stories) in terms of their approaches to similar themes and topics.

RI.6.8 Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not.

Writing

W.6.1 Write arguments to support claims with clear reasons and relevant evidence

W.6.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

W.6.3 Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-written event sequences.

W.6.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

W.6.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.

Mathematics

The Number System

6.NS.A Interpret and compute quotients of fractions and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.

6.NS.C.6 Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

Ratio and Proportional Relationships

6.RP.A.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities

6.RP.A.2 Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship.

6.RP.A.3 Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.

Expressions and Equations

6.EE.A.1 – 3: Write and evaluate numerical expressions involving whole-number exponents and, in which letters stand for numbers; apply the properties of operations to generate equivalent expressions.

6.EE.B.6 Use variables to represent numbers and write expressions when solving a real-world or mathematical problem

6.EE.C.9 Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity.

Geometry

CCSS.MATH.CONTENT.6.G.A.1

Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.

CCSS.MATH.CONTENT.6.G.A.2

Apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.

CCSS.MATH.CONTENT.6.G.A.4 Represent three-dimensional figures using nets made up of rectangles and triangles and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.