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Issaquah School District – Grade 5 - MERLIN Social / Learning Skills Scoring Guide

Is accountable; uses time wisely; completes assignments on time

- Stays on task
- Produces high quality work; meets the standard or project rubric
- Works independently

Demonstrates flexibility

- Is able to adapt to new or different situations
- Changes tasks and routines comfortably and easily
- Tries a variety of approaches, strategies, or alternatives

Demonstrates perseverance

- Is a risk taker
- Is able to continue when faced with a challenge; does not give up easily
- Exhibits depth of understanding

Respects the rights and feelings of others; cooperates

- Uses kind actions and words
- Understands and respects personal space
- Interacts with others in a friendly, respectful way

Demonstrates organizational skills

- Has materials ready and organized
- Has a neat and orderly work space
- Has a smooth transition between home and school
- Maintains a planner

Accepts responsibility for own behavior and learning

- Is actively engaged in learning
- Thinks before acting
- Makes positive choices and learns from mistakes
- Follows class and school rules
- Asks questions

Demonstrates deliberativeness

- Listens to instructions
- Sets goals; develops an action plan
- Gathers information needed before beginning a project
- Reflects on an answer before giving it

Is a self-directed learner

- Seeks and engages in problem-solving
- Generates many different ideas
- Self-reflects
- Takes initiative

MERLIN Evaluation KEY

4 — Exceeds MERLIN Expectations	3 — Meets MERLIN Expectations	2 — Approaches MERLIN Expectations Needs Additional Practice/Support	1— Below MERLIN Expectations Area of Concern
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Issaquah School District – Grade 5 -MERLIN Communication Scoring Guide

Demonstrates attentiveness and appropriate listening behaviors

- Focuses attention
- Observes and listens to gain and interpret information
- Paraphrases information

Communicates clearly and effectively in presentations

- Speaks with clarity and organization
- Uses projection and expression
- Demonstrates correct posture and eye contact
- Uses appropriate grammar

Actively participates

- Participates in discussions.
- Asks appropriate questions.
- Demonstrates an interest in own learning

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Issaquah School District – Grade 5 - MERLIN Reading Scoring Guide

Understands and applies different skills and strategies to read

- Uses strategies including decoding, self-correcting, re-reading, and context clues
- Reads a variety of texts with fluency and expression
- Uses features of nonfiction texts (e.g. headings, index)

Understands the meaning of what is read

- Refers to story elements when responding or summarizing a narrative text
- Identifies similarities and differences, causes and effects
- Distinguishes facts from opinions
- Uses text evidence to explain the steps in a process
- Identifies figurative language and the author’s point of view

Analyzes, interprets, and thinks critically

- Reads to learn information from a variety of resource material
- Reads to perform a task
- Reads a variety of genres
- Uses dictionaries, glossaries, thesauruses, and other tools to increase vocabulary
- Uses tables, maps, and graphs
- Revisits and analyzes text and illustrations for a specific purpose
- Draws conclusions and responds to text
- Understands and can verify content validity
- Analyzes the author’s use of persuasive devices
- Generalizes and extends information beyond and/or between texts

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Issaquah School District – Grade 5 – MERLIN Writing Scoring Guide

Analyzes ideas, selects a narrow topic, and elaborates using specific details and/or examples

- Narrows topic with controlling idea
- Selects and organizes detail relevant to topic
- Uses experiences, observations, and research to support opinions and ideas
- Uses prewriting strategies for creating a draft with a focus on meaning and purpose

Uses an effective organizational structure

- Writes in a logically organized progression of unified paragraphs
- Develops an interesting introduction and an effective ending
- Uses transitional words
- Composes text that compares, explains, persuades, or narrates

Applies understanding that different audiences and purposes affect writer’s voice; uses language appropriate for a specific audience and purpose; uses a variety of sentences

- Identifies an intended audience
- Uses word choice to show emotion and interest
- Demonstrates commitment to topic (e.g., elaborates, shows knowledge of topic)
- Writes fluently with a variety of sentence structures

Understands and applies the conventions of writing appropriate to grade level

- Applies punctuation rules related to commas, end punctuation, colons, semicolons, and quotation marks
- Uses capitalization rules correctly
- Uses grammatical rules correctly
- Spells appropriate high frequency words correctly
- Cites sources appropriately
- Writes legibly
- Edits for grammar, punctuation, and spelling

Analyzes and evaluates the effectiveness of written work

- Evaluates own writing
- Writes using established criteria (on topic, includes required sections)
- Revises text, including changing words, sentences, paragraphs, and ideas to improve the writing’s effectiveness
- Writes for an intended reading or listening audience
- Accepts feedback from peers
- Provides feedback on other’s writing

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Issaquah School District – Grade 5 - MERLIN Mathematics Scoring Guide

Core Content: *Multiplication and division of fractions and decimals*

- Compares and orders non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$
- Represents multiplication and division of non-negative fractions and decimals using area models and the number line, and connects each representation to the related equation
- Estimates products and quotients of fractions and decimals
- Fluently and accurately multiplies and divides non-negative fractions and explains the inverse relationship between multiplication and division with fractions
- Multiplies and divides whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001
- Fluently and accurately multiplies and divides non-negative decimals
- Describes the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one
- Solves single - and multi -step word problems involving operations with fractions and decimals and verifies the solutions

Core Content: *Mathematical expressions and equations*

- Writes a mathematical expression or equation with variables to represent information in a table or given situation
- Draws a first-quadrant graph in the coordinate plane to represent information in a table or given situation
- Evaluates mathematical expressions when the value for each variable is given
- Applies the commutative, associative, and distributive properties, and uses the order of operations to evaluate mathematical expressions
- Solves one -step equations and verifies solutions
- Solve word problems using mathematical expressions and equations and verifies solutions

Core Content: *Ratios, rates, and percents*

- Identifies and writes ratios as comparisons of part-to-part and part-to-whole relationships
- Represents percents visually and numerically, and converts between the fractional, decimal, and percent representations of a number
- Solves single - and multi -step word problems involving ratios, rates, and percents, and verifies the solution
- Identifies the ratio of a circumference to the diameter of a circle as the constant π , and recognizes $22/7$ and 3.14 as common approximations of π
- Determines the experimental probability of a simple event using data collected in an experiment
- Determines the theoretical probability of an event and its complement and represents the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100

Core Content: *Two and three-dimensional figures*

- Determines the circumference and area of circles
- Determines the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles
- Solves single and multi -step word problems involving the relationships among radius, diameter, circumference, and area of circles and verifies the solutions
- Recognizes and draws two-dimensional representations of three -dimensional figures
- Determines the surface area and volume of rectangular prisms using appropriate formulas and explains why the formulas work
- Describes and sorts polyhedra by their attributes: parallel faces, types of faces, number of faces, wedges, and vertices
- Determines the surface area of a pyramid

Additional Key Content: *Numbers, Operations*

- Uses strategies for mental computations with non-negative whole numbers, fractions, and decimals
- Locates positive and negative integers on the number line and uses integers to represent quantities in various contexts
- Compares and orders positive and negative integers using the number line, lists, and the symbols $<$, $>$, or $=$

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Mathematics Scoring Guide (Grade 5 - MERLIN) – *continued*

Core Processes: *Reasoning, problem solving, and communication*

- Analyzes a problem situation to determine the question(s) to be answered
- Identifies relevant, missing, and extraneous information related to the solution to a problem
- Analyzes and compares mathematical strategies for solving problems, and selects and uses one or more strategies to solve a problem
- Represents a problem situation, describes the process used to solve the problem, and verifies the reasonableness of the solution
- Communicates the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language
- Applies a previously used problem -solving strategy in a new context
- Extracts and organizes mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning
- Makes and tests conjectures based on data (or information) collected from explorations and experiments

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Issaquah School District – Grade 5 Social Studies Scoring Guide

Understands and applies skills and concepts related to social studies from among the following content areas:

- U.S. History from the period of the early European explorers through the War for Independence
- U.S. geography

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Issaquah School District – Grade 5 Health Scoring Guide

Understands and applies skills and concepts related to health from among the following content areas:

- F.L.A.S.H. (covers puberty, emotional development, pregnancy, and HIV/AIDS)
- Basic components of fitness, including performing exercises and reading nutritional labels
- Human Body Systems

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Issaquah School District – Grade 5 Science Scoring Guide

Understands and applies skills and concepts related to scientific principles from among the following content areas:

- Physical Science: Measurement of Force and Motion
Heat, Light, Sound and Electricity
- Earth and Space Science: Focus on Fossils
- Life Science: Structures and Behaviors
Heredity and Adaptation

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Issaquah School District – Grade 5 Physical Education Scoring Guide

Demonstrates skills and concepts

- Applies sports/fitness skills

Participates actively, cooperates with others

- Stays on task
- Follows directions
- Contributes positively

Issaquah School District – Grade 5 Music Scoring Guide (Field Test)

Demonstrates skills and concepts

- Applies music concepts

Participates actively, cooperates with others

- Stays on task
- Follows directions
- Contributes positively

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