THE ThinkTank

Thinking Mathematically and Problem Solving

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS) FOR MATHEMATICS – GRADE 1

ORIGO EDUCATION

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Prickly Problems	5AR	5AR	8DA	6GM	7GM	5AR	6GM	5AR	5AR	6GM	3NO	5AR	5AR	2NO	5AR	5AR	3NO	2NO	5AR	3NO
Brain Boosters	5AR	6GM	3NO	8DA	3NO	2NO	6GM	5AR	2NO	2NO	3NO	5AR	6GM	6GM	5AR	5AR	3NO	5AR	7GM	6GM
Cranium Crackers	2NO	5AR	5AR	6GM	5AR	2NO	5AR	7GM	5AR	7GM	5AR	5AR	5AR	5AR	3NO	5AR	5AR	5AR	5AR	5AR
Quick Quizzes	5AR	3NO	6GM	6GM	2NO	6GM	6GM	5AR	5AR	5AR	3NO	5AR	5AR	5AR	5AR	5AR	5AR	2NO	5AR	5AR
Head Polishers	6GM	5AR	5AR	6GM	5AR	5AR	5AR	2NO	5AR	5AR	3NO	5AR	5AR	5AR	6GM	5AR	5AR	5AR	5AR	5AR
Mental Matters	3NO	5AR	5AR	5AR	5AR	5AR	6GM	5AR	6GM	2NO	5AR	6GM	3NO	7GM	5AR	5AR	3NO	5AR	5AR	5AR
Cracker Jacks	5AR	8DA	6GM	5AR	5AR	5AR	3NO	5AR	6GM	3NO	5AR	5AR	7GM	3NO	5AR	5AR	5AR	5AR	2NO	6GM
Thorough Thinkers	3NO	7GM	7GM	7GM	5AR	3NO	5AR	8DA	5AR	5AR	5AR	5AR	3NO	5AR	5AR	3NO	5AR	7GM	3NO	5AR
Cool Heads	5AR	5AR	3NO	7GM	7GM	5AR	5AR	5AR	5AR	5AR	3NO	2NO	5AR	3NO	5AR	3NO	8DA	8DA	7GM	5AR
Wise Wizards	5AR	7GM	5AR	2NO	3NO	7GM	3NO	5AR	6GM	8DA	5AR	5AR	5AR	6GM	5AR	8DA	2NO	5AR	3NO	7GM
Super Sleuths	5AR	7GM	5AR	6GM	3NO	5AR	3NO	5AR	5AR	8DA	3NO	7GM	3NO	3NO	5AR	3NO	3NO	7GM	7GM	5AR
Mega Minds	7GM	5AR	3NO	5AR	2NO	7GM	2NO	2NO	5AR	5AR	8DA	3NO	6GM	7GM	3NO	6GM	5AR	5AR	5AR	5AR

Texas Essential Knowledge and Skills

Standard 1 – Mathematical process standards
The student uses mathematical processes to acquire and demonstrate mathematical understanding. The student is expected to:
(A) apply mathematics to problems arising in everyday life, society, and the workplace;
(B) use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution;
(C) select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems;
(D) communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate;
(E) create and use representations to organize, record, and communicate mathematical ideas;
(F) analyze mathematical relationships to connect and communicate mathematical ideas; and
(G) display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication.

2NO
Standard 2 – Number and Operations (2NO)
The student applies mathematical process standards to represent and compare whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.

3NO
Standard 3 – Number and Operations (3NO)
The student applies mathematical process standards to develop and use strategies for whole number addition and subtraction computations in order to solve problems.

5AR
Standard 5 – Algebraic Reasoning (5AR)
The student applies mathematical process standards to identify and apply number patterns within properties of numbers and operations in order to describe relationships.

6GM
Standard 6 – Geometry and Measurement (6GM)
The student applies mathematical process standards to analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.

7GM
Standard 7 – Geometry and Measurement (7GM)
The student applies mathematical process standards to select and use units to describe length and time.

8DA
Standard 8 – Data Analysis (8DA)
The student applies mathematical process standards to organize data to make it useful for interpreting information and solving problems.

Note to Teachers: *The Think Tank* questions have been correlated to the Grade Level Standards in 1st Grade. Please refer to the TEKS and the grade level student expectations. This correlation is only a starting point in your instructional planning.