

THE ThinkTank

Thinking Mathematically and Problem Solving

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS) FOR MATHEMATICS – GRADE 2

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

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 understand how to represent and compare whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.

4NO

Standard 4 – Number and Operations (4NO)

The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve addition and subtraction problems with efficiency and accuracy.

5NO

Standard 5 – Number and Operations (5NO)

The student applies mathematical process standards to determine the value of coins in order to solve monetary transactions.

6NO

Standard 6 – Number and Operations (6NO)

The student applies mathematical process standards to connect repeated addition and subtraction to multiplication and division situations that involve equal groupings and shares.

7AR

Standard 7 – Algebraic Reasoning (7AR)

The student applies mathematical process standards to identify and apply number patterns within properties of numbers and operations in order to describe relationships.

8GM

Standard 8 – Geometry and Measurement (8GM)

The student applies mathematical process standards to analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.

9GM

Standard 9 – Geometry and Measurement (9GM)

The student applies mathematical process standards to select and use units to describe length, area, and time.

10DA

Standard 10 – Data Analysis (10DA)

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 2nd Grade. Please refer to the TEKS and the grade level student expectations. This correlation is only a starting point in your instructional planning.