

THE
ThinkTank

Computation and Number Sense

CORRELATION TO TEKS (TEXAS ESSENTIAL KNOWLEDGE AND SKILLS) FOR MATHEMATICS – GRADE 3

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Speedy Starters	4NO	2NO	4NO	4NO	5AR	2NO	4NO	2NO	5AR	4NO	4NO	4NO	4NO	2NO	4NO	5AR	5AR	2NO	4NO	4NO
Brain Builders	6GM	5AR	2NO	2NO	4NO	4NO	5AR	2NO	4NO	4NO	4NO	4NO	4NO	4NO	4NO	4NO	8DA	2NO	4NO	4NO
Mental Teasers	5AR	4NO	4NO	2NO	4NO	4NO	4NO	8DA	4NO	4NO	4NO	4NO	4NO	5AR	4NO	5AR	2NO	4NO	4NO	4NO
Mind Benders	4NO	4NO	5AR	4NO	2NO	5AR	4NO	2NO	4NO	5AR	2NO	4NO	5AR	4NO	2NO	4NO	5AR	4NO	5AR	4NO
Head Sharpeners	8DA	4NO	5AR	5AR	4NO	4NO	6GM	5AR	4NO	2NO	2NO	4NO	4NO	4NO	4NO	4NO	2NO	4NO	2NO	4NO
Pace Setters	5AR	5AR	4NO	4NO	4NO	2NO	4NO	4NO	5AR	5AR	8DA	4NO	2NO	5AR	4NO	2NO	4NO	5AR	4NO	2NO
Fast Figurers	4NO	5AR	2NO	4NO	5AR	2NO	4NO	4NO	4NO	5AR	4NO	4NO	4NO	2NO	8DA	5AR	4NO	2NO	4NO	2NO
Quick Thinkers	4NO	4NO	5AR	2NO	4NO	4NO	4NO	6GM	4NO	4NO	5AR	5AR	4NO	4NO	5AR	4NO	5AR	4NO	2NO	2NO
Number Jugglers	4NO	2NO	4NO	4NO	4NO	5AR	5AR	4NO	4NO	4NO	2NO	5AR	8DA	4NO	2NO	5AR	2NO	4NO	2NO	5AR
Wise Workers	4NO	4NO	5AR	4NO	4NO	2NO	4NO	4NO	3NO	4NO	2NO	5AR	4NO	4NO	5AR	5AR	4NO	4NO	2NO	2NO
Super Solvers	5AR	5AR	4NO	2NO	4NO	4NO	2NO	5AR	4NO	2NO	5AR	2NO	5AR	2NO	4NO	5AR	4NO	4NO	4NO	2NO
Grand Masters	3NO	2NO	4NO	5AR	4NO	5AR	2NO	4NO	2NO	5AR	2NO	5AR	5AR	6GM	4NO	4NO	8DA	5AR	2NO	4NO

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 and understand relationships related to place value.

3NO

Standard 3 – Number and Operations (3NO)

The student applies mathematical process standards to represent and explain fractional units.

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 problems with efficiency and accuracy.

5AR

Standard 5 – Algebraic Reasoning (5AR)

The student applies mathematical process standards to analyze and create patterns and relationships.

6GM

Standard 6 – Geometry and Measurement (6GM)

The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties.

8DA

Standard 8 – Data Analysis (8DA)

The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.

Note to Teachers: *The Think Tank* questions have been correlated to the Grade Level Standards in 3rd Grade. Please refer to the TEKS and the grade level student expectations. This correlation is only a starting point in your instructional planning.