

**TEKS/TAKS BASED
MATHEMATICS CURRICULUM**

**TEACHER GUIDE
PROFILE BOOKLETS
Grade 6**

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GRADE 6 MATHEMATICS PROFILE BOOKLETS

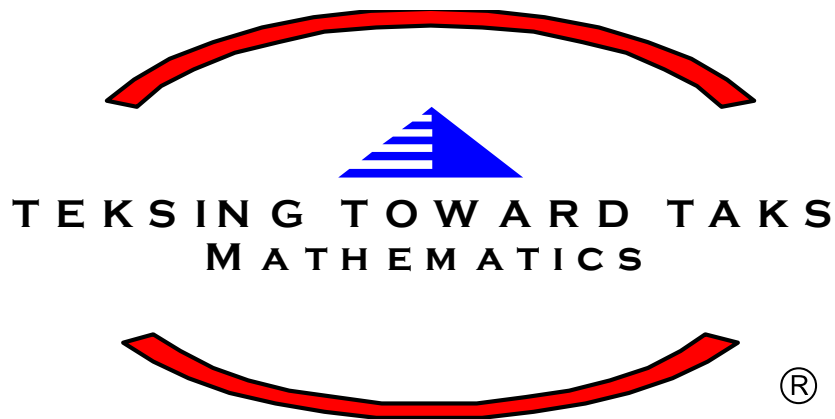
AUTHORS' VISION FOR IMPLEMENTATION

CLASS PROFILE BOOKLET:

- Teachers record in a Class Profile Booklet for each class.
- Suggestion for recording class data:
 - Record + if class data demonstrates mastery
 - Record – if class data demonstrates improvement needed
- Record + based on the following:
 - August/September – Record + if 50% or higher of class demonstrates mastery
 - October – Record + if 60% or higher of class demonstrates mastery
 - November – Record + if 70% or higher of class demonstrates mastery
 - December – Record + if 80% or higher of class demonstrates mastery
 - January-May – Record + if 90% or higher of class demonstrates mastery
- Periodically highlight all + in “green” for “GOT IT” and highlight all – in “hot pink” for “NEEDS IMPROVEMENT”
- Begin glancing over each Class Profile booklet by TEKS to identify areas of strength and weakness. Use this data to make instructional decisions regarding focus for instructional time by class.

STUDENT PROFILE BOOKLET:

- Each student records in an individual Student Profile Booklet – teachers do not record in Student Profiles.
- Suggestion for recording data:
 - Record + if mastery is demonstrated
 - Record – if improvement is needed
- Record +/- based on the following:
 - Record + if answer is correct
 - Record – if answer is incorrect
- Periodically highlight all + in “green” for “GOT IT” and highlight all – in “hot pink” for “NEEDS IMPROVEMENT”
- Student – Periodically glance over Student Profile booklet to identify areas of strength and weakness
- Teacher – Periodically glance over each Student Profile booklet by TEKS to identify areas of individual strength and weakness. Use this data to make instructional decisions regarding focus for individualized tutorial time.



MATHEMATICS

Class Profile

Grade 6

Teacher _____
Class _____

GRADE 6 TEKSING TOWARD TAKS MATHEMATICS CLASS PROFILE

TAKS Objective	TEKS	STUDENT EXPECTATION	CLASS PERFORMANCE																	
1	6.1A	Compare and order non-negative rational numbers																		
1	6.1B	Generate equivalent forms of rational numbers including whole numbers, fractions, and decimals																		
1	6.1C	Use integers to represent real-life situations																		
1	6.1D	Write prime factorizations using exponents																		
1	6.1E	Identify factors of a positive integer, common factors and the greatest common factor of a set of positive integers																		
1	6.1F	Identify multiples of a positive integer and common multiples and the least common factor of a set of positive integers																		
1	6.2A	Model addition situations involving fractions with [objects] and pictures																		
1	6.2A	Model addition situations involving fractions with words																		
1	6.2A	Model addition situations involving fractions with numbers																		
1	6.2A	Model subtraction situations involving fractions with [objects] and pictures																		
1	6.2A	Model subtraction situations involving fractions with words																		
1	6.2A	Model subtraction situations involving fractions with numbers																		
1	6.2B	Use addition to solve problems involving fractions																		
1	6.2B	Use addition to solve problems involving decimals																		
1	6.2B	Use subtraction to solve problems involving fractions																		
1	6.2B	Use subtraction to solve problems involving decimals																		
1	6.2C	Use multiplication of whole numbers to solve problems including situations involving equivalent ratios																		
1	6.2C	Use multiplication of whole numbers to solve problems including situations involving rates																		
1	6.2C	Use division of whole numbers to solve problems including situations involving equivalent ratios																		
1	6.2C	Use division of whole numbers to solve problems including situations involving rates																		
1	6.2D	Estimate and round to approximate reasonable results and to solve problems where exact answers are not required																		
1	6.2E	Use order of operations to simplify whole number expressions (without exponents) in problem solving situations																		
2	6.3A	Use ratios to describe proportional situations																		
2	6.3B	Represent ratios and percents with concrete models																		
2	6.3B	Represent ratios and percents with fractions																		



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MATHEMATICS

Student Profile

Grade 6

Student _____
Teacher _____

GRADE 6 TEKSING TOWARD TAKS MATHEMATICS STUDENT PROFILE

TAKS Objective	TEKS	STUDENT EXPECTATION	STUDENT PERFORMANCE																	
1	6.1A	Compare and order non-negative rational numbers																		
1	6.1B	Generate equivalent forms of rational numbers including whole numbers, fractions, and decimals																		
1	6.1C	Use integers to represent real-life situations																		
1	6.1D	Write prime factorizations using exponents																		
1	6.1E	Identify factors of a positive integer, common factors and the greatest common factor of a set of positive integers																		
1	6.1F	Identify multiples of a positive integer and common multiples and the least common factor of a set of positive integers																		
1	6.2A	Model addition situations involving fractions with [objects] and pictures																		
1	6.2A	Model addition situations involving fractions with words																		
1	6.2A	Model addition situations involving fractions with numbers																		
1	6.2A	Model subtraction situations involving fractions with [objects] and pictures																		
1	6.2A	Model subtraction situations involving fractions with words																		
1	6.2A	Model subtraction situations involving fractions with numbers																		
1	6.2B	Use addition to solve problems involving fractions																		
1	6.2B	Use addition to solve problems involving decimals																		
1	6.2B	Use subtraction to solve problems involving fractions																		
1	6.2B	Use subtraction to solve problems involving decimals																		
1	6.2C	Use multiplication of whole numbers to solve problems including situations involving equivalent ratios																		
1	6.2C	Use multiplication of whole numbers to solve problems including situations involving rates																		
1	6.2C	Use division of whole numbers to solve problems including situations involving equivalent ratios																		
1	6.2C	Use division of whole numbers to solve problems including situations involving rates																		
1	6.2D	Estimate and round to approximate reasonable results and to solve problems where exact answers are not required																		
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2	6.3A	Use ratios to describe proportional situations																		
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2	6.3B	Represent ratios and percents with fractions																		