2008-2009 DISTRICT STUDENT PERFORMANCE ASSESSMENT GUIDE
MATHEMATICS
SEVENTH GRADE (MA-07)

04/08 pc

DSPA	KEY for ASSESSMENT	CRITICAL CONTENT STANDARD/OBJECTIVE TITLE
1	**MA-07-01 STATISTICS and PROBABILITY**	01) Mean, Median, Mode, Stem, and Leaf 02) Data Analysis 03) Probability ***District test - enter Percent Score into PowerGrade**
2	**MA-07-02 ALGEBRAIC CONCEPTS & RELATIONSHIPS**	01) Understanding Integers 02) Solve Problems Using Order of Operations 03) Integers and Operations 04) The Coordinate System 05) Solve One-Step Linear Equations 06) Evaluate Algebraic Expressions ***District test - enter Percent Score into PowerGrade**
3	**MA-07-03 GEOMETRY & MEASUREMENT (part 1)**	01) Classifying and Describing 02) Area and Perimeter ***District test - enter Percent Score into PowerGrade**
4	**MA-07-04 PROPORTIONAL REASONING**	01) Ratios and Proportions ***District test - enter Percent Score into PowerGrade**
5	**MA-07-05 NUMBER CONCEPTS & OPERATIONS**	01) Relationships Among Fractions, Percents, Decimals 02) Mixed Numbers Operations 03) Multiply and Divide Decimal Numbers ***District test - enter Percent Score into PowerGrade**
6	**MA-07-06 GEOMETRY & MEASUREMENT** **(Part 2)**	01) Angles and Triangles 02) Congruency 03) Angle Measurement 04) Circumference ***District test - enter Percent Score into PowerGrade**

04/08 pc

DSPA	KEY for ASSESSMENT	CRITICAL (CN) CONTENT STANDARD/OBJECTIVE TITLE/CONTENT
1	MA-A1-01	**ALGEBRAIC EXPRESSIONS and AREA:** 01) Simplify and Evaluate Expressions 02) Area and Perimeter Problems ***district test - enter Percent Score into PowerGrade***
2	MA-A1-02	**GRAPHING LINEAR EQUATIONS, PROBLEM SOLVING:** 01) Graphing Linear Equations 02) Problem Solving ***district test - enter Percent Score into PowerGrade***
3	MA-A1-03	**SOLVING LINEAR EQUATIONS and PROBLEM SOLVING:** 01) Solving Linear Equations 02) Problem Solving ***district test - enter Percent Score into PowerGrade***
4	MA-A1-04	**PROPORTIONAL REASONING:** 01) Ratios and Proportions ***district test - enter Percent Score into PowerGrade***
5	MA-A1-05	**GRAPHING LINEAR EQUATIONS and SYSTEMS OF EQUATIONS:** 01) Graphing Linear Equations 02) Solving Systems of Equations ***district test - enter Percent Score into PowerGrade***
6	MA-A1-06	**MULTIPLYING BINOMIALS, FACTORING POLYNOMIALS, SOLVING QUADRATIC EQUATIONS:** 01) Multiplying Binomials 02) Factoring 03) Solving Quadratic Equations ***district test - enter Percent Score into PowerGrade***
7	MA-A1-07	**PYTHAGOREAN THEOREM and EQUATIONS OF LINES:** 01) Pythagorean Theorem 02) Equations of Lines ***district test - enter Percent Score into PowerGrade***
8	MA-A1-08	**EXPONENTIAL EXPRESSIONS, QUADRATIC FORMULA:** 01) Exponential Expressions 02) Quadratic Equations ***district test - enter Percent Score into PowerGrade***
9	MA-A1-09	**DATA ANALYSIS and PROBABILITY:** 01) Data Analysis 02) Probability ***district test - enter Percent Score into PowerGrade***

4/08   pc

DSPA NUMBER	KEY for ASSESSMENT	CRITICAL (CN) CONTENT STANDARD/OBJECTIVE TITLE / CONTENT
1	**MA-PA-01 INTEGER OPERATIONS, GRAPHING LINEAR EQUATIONS**	01) Integer Operations 02) Graphing Linear Equations ***Enter Percent Score into PowerGrade***
2	**MA-PA-02 DATA ANALYSIS & PROBABILITY**	01) Data Analysis in Real-World Situations 02) Measures of Central Tendency 03) Predicting Outcomes/Probability 04) Likelihood of Events/Probability ***Enter Percent Score into PowerGrade***
3	**MA-PA-03 ALGEBRAIC EXPRESSIONS & SOLVING EQUATIONS**	01) Modeling Verbal Expressions 02) Evaluating Algebraic Expressions 03) Solving Equations ***Enter Percent Score into PowerGrade***
4	**MA-PA-04 AREA, PERIMETER, & PROPORTIONAL REASONING**	01) Ratios and Proportions 02) Area and Perimeter ***Enter Percent Score into PowerGrade***
5	**MA-PA-05 PYTHAGOREAN THEOREM**	01) Pythagorean Theorem 02) Surface Area and Volume ***Enter Percent Score into PowerGrade***

4/08   pc

DSPA	KEY for ASSESSMENT	CRITICAL (CN) OBJECTIVE TITLE / CONTENT
1	**MA-AA-01 ALGEBRAIC EXPRESSIONS and AREA**	01) Simplify and Evaluate Expressions 02) Area and Perimeter Problems ***Enter Percent Score into PowerGrade***
2	**MA-AA-02 GRAPHING LINEAR EQUATIONS and PROBLEM SOLVING**	01) Graphing Linear Equations 02) Problem Solving ***Enter Percent Score into PowerGrade***
3	**MA-AA-03 SOLVING LINEAR EQUATIONS and PROBLEM SOLVING**	01) Solving Linear Equations 02) Problem Solving ***Enter Percent Score into PowerGrade***
4	**MA-AA-04 PROPORTIONAL REASONING**	01) Ratios and Proportions ***Enter Percent Score into PowerGrade***
5	**MA-AA-05 DATA ANALYSIS and PROBABILITY**	01) Data Analysis 02) Probability ***Enter Percent Score into PowerGrade***

2008-2009 DISTRICT STUDENT PERFORMANCE ASSESSMENT GUIDE
MATHEMATICS
ALGEBRA B   (MA-AB)

4/08   pc

DSPA NUMBER	KEY for ASSESSMENT	CRITICAL (CN) CONTENT STANDARD/OBJECTIVE TITLE / CONTENT
1	**MA-AB-01 GRAPHING LINEAR EQUATIONS and SYSTEMS OF EQUATIONS**	01) Graphing Linear Equations 02) Solving Systems of Equations ***Enter Percent Score into PowerGrade***
2	**MA-AB-02 MULTIPLYING BINOMIALS, FACTORING POLYNOMIALS, and SOLVING QUADRATIC EQUATIONS**	01) Multiplying Binomials 02) Factoring 03) Solving Quadratic Equations ***Enter Percent Score into PowerGrade***
3	**MA-AB-03 PYTHAGOREAN THEOREM and EQUATIONS OF LINES**	01) Pythagorean Theorem 02) Equations of Lines ***Enter Percent Score into PowerGrade***
4	**MA-AB-04 EXPONENTIAL EXPRESSIONS and QUADRATIC FORMULA**	01) Exponential Expressions 02) Quadratic Formula ***Enter Percent Score into PowerGrade***
5	**MA-AB-05 DATA ANALYSIS and PROBABILITY**	01) Data Analysis 02) Probability ***Enter Percent Score into PowerGrade***

4/08 pc

DSPA NUMBER	KEY for ASSESSMENT	CRITICAL (CN) CONTENT STANDARD/OBJECTIVE TITLE / CONTENT
1	MA-A2-01	**SEQUENCES/LINEAR FUNCTIONS** 01) Sequences 02) Linear Function ***Enter Percent Score into PowerGrade***
2	MA-A2-02	**EXPONENTIAL FUNCTIONS/POLYNOMIALS** 01) Exponential Functions 02) Polynomials ***Enter Percent Score into PowerGrade***
3	MA-A2-03	**PARENT GRAPHS and TRANSFORMATIONS/FUNCTION NOTATION, DOMAIN & RANGE** 01) Graphs of Functions and Transformations 02) Graphs of Circles and Transformations 03) Function Notation, Domain, and Range ***Enter Percent Score into PowerGrade***
4	MA-A2-04	**SYSTEMS OF EQUATIONS, MATRICES/EQUATIONS OF LINES** 01) Systems of Equations 02) Equations of Lines ***Enter Percent Score into PowerGrade***
5	MA-A2-05	**PROBABILITY and COUNTING PROBLEMS** 01) Probability 02) Counting Problems ***Enter Percent Score into PowerGrade***
6	MA-A2-06	**LOGARITHMS, INVERSE FUNCTIONS/RATIONAL EQUATIONS and EXPRESSIONS/ PROPERTIES OF EXPONENTS** 01) Inverse Functions and Logarithms 02) Rational Equations and Expressions 03) Properties of Exponents ***Enter Percent Score into PowerGrade***

2008-2009 DISTRICT STUDENT PERFORMANCE ASSESSMENT GUIDE
MATHEMATICS
GEOMETRY (MA-GM)

4/08   pc

DSPA NUMBER	KEY for ASSESSMENT	CRITICAL (C-CS) OBJECTIVE TITLE / CONTENT
1	**MA-GM-01 2-D FIGURES and GRAPHING LINEAR EQUATIONS**	01) Area and Perimeter 02) Pythagorean Theorem 03) Graphing Linear Equations ***Enter Percent Score into PowerGrade***
2	**MA-GM-02 ANGLE RELATIONSHIPS and PATTERN DEVELOPMENT**	01) Angle Relationships 02) Pattern Recognition ***Enter Percent Score into PowerGrade***
3	**MA-GM-03 3-D FIGURES and CONGRUENT FIGURES**	01) Three-Dimensional Figures 02) Congruent Figures ***Enter Percent Score into PowerGrade***
4	**MA-GM-04 TRIGONOMETRY**	01) Trigonometry Ratios and Law of Sines 02) Pythagorean Theorem 03) Special Right Triangles ***Enter Percent Score into PowerGrade***
5	**MA-GM-05 SIMILARITY and POLYGONS**	01) Similarity 02) Polygons and Quadrilaterals ***Enter Percent Score into PowerGrade***
6	**MA-GM-06 CIRCLES**	01) Fundamental Properties of Circles 02) Arc Length and Area of Sectors 03) Lengths of Chords, Tangent Segments, Secants ***Enter Percent Score into PowerGrade***

2008-2009 DISTRICT STUDENT PERFORMANCE ASSESSMENT GUIDE
MATHEMATICS
INFORMAL GEOMETRY (MA-GN)

DSPA NUMBER	IMS KEY for ASSESSMENT	CRITICAL (C-CS) OBJECTIVE TITLE / CONTENT
1	**MA-GN-01 2-FIGURES; GRAPHING LINEAR EQUATIONS**	01) Area and Perimeter 02) Pythagorean Theorem 03) Graphing Linear Equations *Enter Percent Score into PowerGrade*
2	**MA-GN-02 ANGLE RELATIONSHIPS; PATTERN DEVELOPMENT**	01) Angle Relationships 02) Pattern Recognition *Enter Percent Score into PowerGrade*
3	**MA-GN-03 3-D FIGURES; CONGRUENT FIGURES**	01) Three-Dimensional Figures 02) Congruent Figures *Enter Percent Score into PowerGrade*
4	**MA-GN-04 TRIGONOMETRY**	01) Trigonometric Ratios 02) Pythagorean Theorem 03) Special Right Triangles *Enter Percent Score into PowerGrade*

4/08   pc

DSPA NUMBER	IMS KEY for ASSESSMENT	CRITICAL (C-CS) OBJECTIVE TITLE / CONTENT
1	**MA-AX-01 SEQUENCES and FUNCTIONS**	01) Sequences 02) Functions *Enter Percent Score into PowerGrade*
2	**MA-AX-02 EXPONENTIAL FUNCTIONS; PROPERTIES OF EXPONENTS**	01) Exponential Functions 02) Property of Exponents *Enter Percent Score into PowerGrade*
3	**MA-AX-03 PARENT GRAPHS and TRANSFORMATIONS**	01) Graphs of Functions and Transformations 02) Graphs of Circles and Transformations *Enter Percent Score into PowerGrade*
4	**MA-AX-04 SYSTEMS OF EQUATIONS and MATRICES**	01) Systems of Equations 02) Matrices *Enter Percent Score into PowerGrade*
5	**MA-AX-07 PROBABILITY and COUNTING PROBLEMS**	01) Probability 02) Counting Problems *Enter Percent Score into PowerGrade*