7TH GRADE MATH

1ST QUARTER:

RATIOS AND PROPORTIONALITY: -7.RP.1 UNIT RATES

-7.RP.2 PROPORTIONAL RELATIONSHIPS

RATIOS/ PROPORTION APPLICATIONS: -7.RP.3 MULTI-STEP RATIO/PERCENT PROBLEMS

-7.G.1 SCALE DRAWING

2ND QUARTER:

RATIONAL NUMBER OPERATIONS: -7.NS.1 ADD AND SUBTRACT RATIONAL NUMBERS

-7.NS.2 MULTIPLY AND DIVIDE RATIONAL NUMBERS

-7.NS.3 SOLVE REAL WORLD PROBLEMS WITH RATIONALS

EXPRESSIONS: -7.EE.1 ADD, SUBTRACT, FACTOR, EXPAND LINEAR EXPRESSIONS

-7.EE.2 REWRITING EXPRESSIONS AS STRATEGY FOR SOLVING IN

CONTEXT

3RD QUARTER:

EQUATIONS AND INEQUALITIES: -7.EE.3 SOLVE MULTI-STEP PROBLEM REAL-WORLD PROBLEMS

AND CONVERT BETWEEN FORMS IN CONTEXT

-7.EE.4 SOLVE REAL-WORLD PROBLEMS INVOLVING EQUATIONS

AND INEQUALITIES

-7.G.4 AREA AND CIRCUMFERENCE OF A CIRCLE

DATA DISTRIBUTIONS: -7.SP.1 SAMPLE POULATIONS

-7.SP.2 INTERPRET RANDOM SAMPLE DATA

-7.SP.3 VISUAL OVERLAP OF DATA DISTRIBUTIONS

-7.SP.4 MEASURES OF CENTER AND VARIABILITY WITH 2

POPULATIONS

4TH QUARTER:

PROBABILITY: -7.SP.5 PROBABILITY OF CHANCE EVENT

-7.SP.6 COLLECT DATA ON CHANCE PROCESS

-7.SP.7 DEVELOP PROBABILITY MODEL

-7.SP.8 FIND PROBABILITIES OF COMPOUND EVENTS

GEOMETRIC MEASUREMENT: -7.G.2 DRAW GEOMETRIC SHAPES WITH GIVEN CONDITIONS

-7.G.3 DESCRIBE 2-D FIGURES RESULTING FROM SLICING 3-D FIGURES

-7.G.5 SOLVE EQUATIONS FOR UNKNOWN ANGLE

-7.G.6 SOLVE REAL-WORLD PROBLEMS INVOLVING AREA, VOLUME, AND SURFACE AREA