

Baseline: XXX may have difficulties with the reading and understanding of multi-step word problems, and benefits from explicit instruction in strategies for understanding and attacking multi-step problems. Although XXX was unable to demonstrate proficiency on 6th grade level math proficiencies in late fall/early winter, she independently demonstrated 6th grade proficiency in March 2016. Due to deficits in the area of executive functioning, XXX also benefits from explicit instruction in strategies to apply previous math skills to multi-step problems and situations.

Measureable Annual Goal:

XXX will be given explicit problem solving strategies to investigate and solve multi-step problems to score in the proficient range on the 7th grade district common curriculum based measurements. She will apply problem solving strategies and previously learned mathematical skills on novel multi-step problems as evidenced by a score in the proficient range on the district 7th grade common assessments.

Progress Monitoring:

Problem Solving Sections included on:

Research based progress monitoring

District 7th grade Unit Common Assessments

District 7th grade Curriculum Based Proficiency in Winter and Spring of 2017.

Objectives:

By December, XXX will analyze proportional relationships and use them to solve real world mathematical problems with 75% accuracy; solve real life mathematical problems using numerical and algebraic expressions and equations with at least 75% accuracy

By January, XXX will solve real world algebraic mathematical problems using the properties of equations, with at least 75% accuracy

By April, XXX will solve real-life and mathematical problems using numerical and algebraic expressions and equations with 75% accuracy. Use random sampling to draw inferences about a population and draw informal comparative inferences about two populations with 85% accuracy.

By June, XXX will solve real-life, math problems involving angle measure, area, surface area and volume with 75% accuracy.

Baseline:

According to the Fall Fastbridge assessment, **Student** score (207) falls into the "high risk" range. **Student** also scored a 5% (1 of 20 correct) on the Sixth-Grade Secure Skills Assessment. The assessment and classroom observations show that while working on math, **Student** needs to focus on the following areas: writing numbers as a decimal, comparing numbers using greater than, less than, and equal to, adding and subtracting larger numbers, multiplication (two numbers by two numbers), long division, adding and subtracting fractions containing mixed numbers and unlike denominators, multiplying and dividing fractions, and rewriting decimals as fractions and fractions as decimals.

#### Goal:

Using small group and individual instruction in both the mainstream and special education setting, **Student** will continue to work on writing numbers as a decimal, comparing numbers using greater than, less than, and equal to, adding and subtracting larger numbers, multiplication (two numbers by two numbers), long division, adding and subtracting fractions containing mixed numbers and unlike denominators, multiplying and dividing fractions, and rewriting decimals as fractions and fractions as decimals and obtain a score of at least 234 on the Fastbridge Assessment and a score of at least a 90% (18/20 correct) on the Sixth Grade Secure Skills Assessment.

#### Short-term Objectives

By June, **student** will improve his math secure skills and score at least a 210 on the Fastbridge Assessment and at least a 50% (10-20 correct) on the Sixth-Grade Secure Skills Assessment.

By August, **student** will improve his math secure skills at least a 220 on the Fastbridge Assessment and at least score a 60% (12-20 correct) on the Sixth-Grade Secure Skills Assessment.

By December, **student** will improve his math secure skills score at least a 230 on the Fastbridge Assessment and at least a 70% (14-20 correct) on the Sixth-Grade Secure Skills Assessment.

By March, **student** will improve his math secure skills at least a 234 on the Fastbridge Assessment and at least score a 80% (16-20 correct) on the Sixth-Grade Secure Skills Assessment.