

BLAINE COUNTY SCHOOL DISTRICT

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September 20, 2021

To: Blaine County Board of Trustees

From: Jim Foudy Superintendent

Adam Johnson Assistant Superintendent

Topic: STAR Screener Results 2021

Information:

Background:

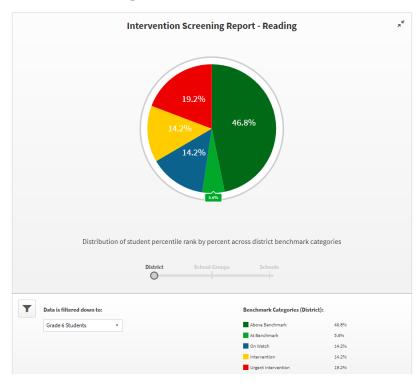
Developed by Renaissance Learning, the STAR assessment model is a comprehensive examination that tests the range of students' knowledge in reading, language and math. BCSD is currently using this model in the middle and early high school grade levels.

Questions on the reading/language test cover 46 reading skill areas spread across five domains. Reading domains include analyzing literary text, word skills and knowledge, analyzing argument and evaluating text, comprehension strategies and constructing meaning, and understanding author's craft. The STAR Reading test utilizes two types of question formats: short comprehension and extended comprehension. Short comprehension questions are based on the theory that vocabulary and comprehension are directly related and uses single-word deletion within a sentence. Extended items also use single-word deletion, but students must read multiple sentences for these types of questions.

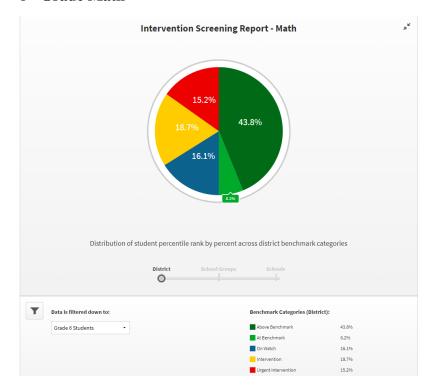
STAR Math is an online assessment program developed by <u>Renaissance Learning</u> for students in grades one through 12. The program assesses 49 sets of math skills in 11 domains for grades one through eight and 44 sets of math skills in 21 domains for grades nine through 12 to determine a student's overall math achievement. The first- through eighth-grade domains include counting and cardinality, <u>ratios</u> and proportional relationships, operations and algebraic thinking, the number system, <u>geometry</u>, measurement and data, expressions and equations, numbers and operations in base 10, fractions, <u>statistics and probability</u>, and functions.

Fall 2021 STAR Reading Enterprise Screener

6th Grade Reading

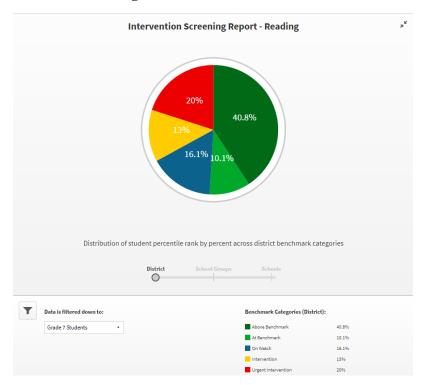


6th Grade Math

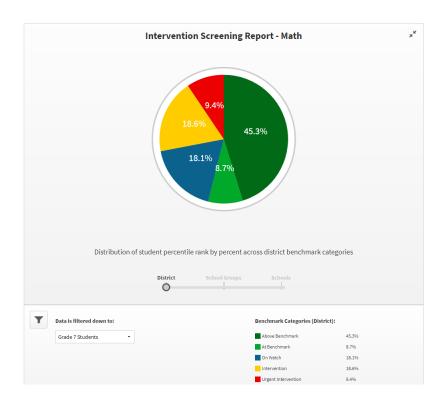


Fall 2021 STAR Reading Enterprise Screener

7th Grade Reading

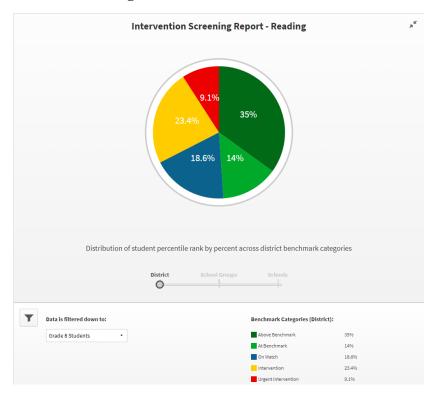


7th Grade Math

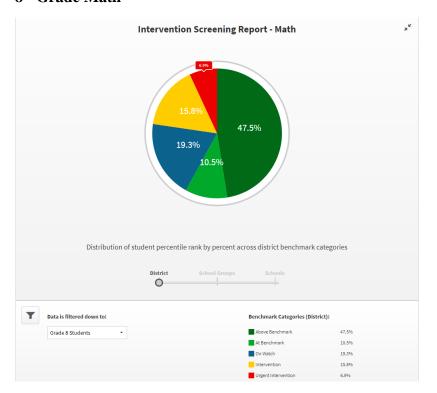


Fall 2021 STAR Reading Enterprise Screener

8th Grade Reading



8th Grade Math



Key Findings

Fall of 2021 STAR data indicated BCSD has a significant percentage of the student population
performing at or above grade level but that overall the district has a higher population of students
needing intervention as well.

Next Steps

Teachers will be using this screener data to create intervention plans for students identified as performing below benchmark and enrichment activities for students above benchmark. This process of differentiation looks different across content disciplines and grade-levels, but can be significantly aided with the incorporation of various online learning programs