

BSA – Predicting FSA Performance



This document provides additional guidance and clarification regarding how BSA predicts the Spring FSA. Student Assessment and Research has analyzed BSA results from 2016-17 and compared them to 2016-17 FSA results. We have found a strong positive correlation (relationship) between the overall performance on the BSA and the FSA scores. This means that students who score high on the BSA tend to score high on the FSA. Also, students who score low on the BSA tend to score low on the FSA. The table below provides some predictions and guidance about the likelihood of students achieving level 3 and above on FSA based on how students perform on the BSA. The table shows three levels of predictions of students achieving level 3 and above on FSA, less than 50% likelihood of achieving level 3 and above, called “Off Track”, a 50% likelihood of achieving level 3 and above, called “Approaching”, and a 65% or higher likelihood of achieving level 3 and above, called “On-Track”. For example, if a student has an overall score of 54% on the ELA Grade 5 BSA, then that means the student has greater than a 50% chance of scoring level 3 or higher on the ELA Grade 5 Spring FSA. **Please note, the BSA covers all standards that will be taught for the entire school year. This is just a prediction and should be used as only one of many pieces of evidence to support students.** Additionally, the power of the BSA lies in its ability to report on FSA reporting categories and FSA standards. Our department will soon be releasing interpretive guides for each test to show the most common error students make on each standard.

BSA Test Name	Off-Track (Less than 50% predicted probability of proficiency)	Approaching (50% predicted probability of proficiency)	On-Track (65% predicted probability of proficiency)
ELA Grade 3 BSA	Less than 45	45-49	50 and more
ELA Grade 4 BSA	Less than 49	49-53	54 and more
ELA Grade 5 BSA	Less than 52	52-56	57 and more
ELA Grade 6 BSA	Less than 43	43-47	48 and more
ELA Grade 7 BSA	Less than 52	52-56	57 and more
ELA Grade 8 BSA	Less than 47	47-51	52 and more
ELA Grade 9 BSA	Less than 45	45-49	50 and more
ELA Grade 10 BSA	Less than 42	42-46	47 and more
Math Grade 3 BSA	Less than 47	47-50	51 and more
Math Grade 4 BSA	Less than 41	41-44	45 and more
Math Grade 5 BSA	Less than 38	38-42	43 and more
Math Grade 6 BSA	Less than 42	42-46	47 and more
Math Grade 7 BSA	Less than 35	35-38	39 and more
Math Grade 8 BSA	Less than 36	36-39	40 and more
Algebra BSA	Less than 33	33-38	39 and more
Science Grade 5 BSA	Less than 58	58-62	63 and more
Science Grade 8 BSA	Less than 49	49-52	53 and more
Biology BSA	Less than 33	33-37	38 and more
Civics BSA	Less than 32	32-36	37 and more
US History BSA	Less than 33	33-38	39 and more