

# Grade 7 SBAC Math Assessment Snapshot

| Unit | Claim 1: Concepts and Procedures<br>17-20 Total Questions<br>-At least 7 CAT items will be DOK 2 or higher  | Claim 2: Problem Solving  | Claim 4: Modeling and Data Analysis | Claim 3: Communicating Reasoning<br>8-10 Questions<br>-At least 2 CAT items will be DOK 3 or higher.<br>-80% of Claim 3 comes from standards below. |                            |
|------|---|---|-------------------------------------|---|----------------------------|
|      |   | 8-10 Total Questions<br>-At least 2 CAT items will be DOK 3 or higher<br>-80% of Claim 2 & 4 comes from Standards below |                                     |   |                            |
|      | <b>Target A (Priority)</b><br>7.RP.A Analyze proportional relationships and use them to solve real-world problems.<br>7.RP.1, 2, 3  | 8-9   | 7.RP.A                              | 7.RP.A  | 7.RP.2                     |
|      | <b>Target D (Priority)</b><br>7.EE.B Solve real-life and mathematical problems using numerical and algebraic expressions and equations.<br>7.EE.3, 4                                |   | 7.EE.B                              | 7.EE.B  |                            |
|      | <b>Target B (Priority)</b><br>7.NS.A Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.<br>7.NS.1, 2, 3 | 5-6   | 7.NS.A                              | 7.NS.A  | 7.NS.A<br>7.NS.1<br>7.NS.2 |
|      | <b>Target C (Priority)</b><br>7.EE.A Use properties of operations to generate equivalent expressions.<br>7.EE.1, 2  |   | 7.EE.A                              |   | 7.EE.1<br>7.EE.2           |
|      | <b>Target E (Supporting)</b><br>7.G.A Draw, construct, and describe geometrical figures and describe the relationship between them.<br>7.G.1, 2, 3                                  | 2-3   | 7.G.A                               | 7.G.A   |                            |
|      | <b>Target F (Supporting)</b><br>7.G.B Solve real-life and mathematical problems involving angle measure, area, surface area, and volume<br>7.G.4, 5, 6                              |   | 7.G.B                               | 7.G.B   |                            |
|      | <b>Target G (Supporting)</b><br>7.SP.A Use random sampling to draw inferences about a population.<br>7.SP.1, 2  | 1-2   |                                     | 7.SP.A  |                            |
|      | <b>Target H (Supporting)</b><br>7.SP.B Draw informal comparative inferences about two populations.<br>7.SP.3, 4   |   |                                     | 7.SP.B  |                            |
|      | <b>Target I (Supporting)</b><br>7.SP.C Investigate chance processes and develop, use, and evaluate probability events.<br>7.SP. 5, 6, 7, 8  |   |                                     | 7.SP.C  |                            |