

## Summative Assessment Adjusted Form Blueprints

### How were the summative assessment adjusted form blueprints developed?

The adjusted form blueprints were derived based on the previously adopted Smarter Balanced summative assessment blueprints (full form):

- The CAT portion of the adjusted form blueprint was reduced by approximately 50% in each claim.
- Given that performance tasks are designed to be integrated tasks, the blueprints associated with the performance tasks were not adjusted.

### How will we know that the scores from the summative assessment adjusted form will be reliable and will allow for making valid inferences about what students know and can do?

The validity argument for the adjusted blueprint is based on the premise that the blueprint has comparable proportional allocation of content across the claims while also maintaining the same proportion of depth of knowledge as the full form blueprint. The precision of the test for the total score will be slightly less than for the full form. Smarter Balanced will analyze and report data to support the validity argument as part of its annual technical report.

### Will the summative assessment adjusted form provide the same student achievement data as the full form?

- For individual students, the data from the adjusted form will support:
  - An overall scale score,
  - An overall achievement level, and
  - A writing trait score for the ELA performance task.
- Claim scores will not be available for individual students.
- For groups of students, the data from the adjusted form will also support:
  - Information about aggregate student performance on specific claims, and
  - Information about aggregate student performance on specific targets.

For reference, please see the [2020-21 Summative Assessment Full and Adjusted Form Blueprint Options](#) or Appendix A

## 2020-21 SUMMATIVE ASSESSMENT FULL FORM AND ADJUSTED FORM BLUEPRINTS FOR ELA/LITERACY AND MATHEMATICS

For 2020-21, member states have the option to administer either the Smarter Balanced summative assessment full form blueprint or the Smarter Balanced summative assessment adjusted form blueprint for ELA/literacy and mathematics.

The [Smarter Balanced Summative Assessment for ELA/literacy blueprint](#) for the full form is available in the Smarter Content Explorer. Table 3 summarizes the number of items by claim for the full form.

**Table 1. Smarter Balanced Summative Assessment for ELA Full Form Blueprint: Number of Items by Claim**

| Claim               | Grades 3–5<br>CAT | Grades 3–5<br>PT | Grades 6–8<br>CAT | Grades 6–8<br>PT | Grade 11<br>CAT | Grade 11<br>PT |
|---------------------|-------------------|------------------|-------------------|------------------|-----------------|----------------|
| Total               | 36–39             | 4*               | 36–40             | 4*               | 37–39           | 4*             |
| 1. Reading          | 14–16             | 0                | 14–17             | 0                | 15–16           | 0              |
| 2. Writing          | 6                 | 3                | 6                 | 3                | 6               | 3              |
| 3. Listening        | 8–9               | 0                | 8–9               | 0                | 8–9             | 0              |
| 4. Research/Inquiry | 8                 | 1                | 8                 | 1                | 8               | 1              |

\* PT full write item is counted as 3 items

Table 2 summarizes the number of items by claim for the Smarter Balanced Summative Assessment for ELA adjusted form blueprint.

**Table 2. Smarter Balanced Summative Assessment for ELA Adjusted Form Blueprint: Number of Items by Claim**

| Claim               | Grades 3–5<br>CAT | Grades 3–5<br>PT | Grades 6–8<br>CAT | Grades 6–8<br>PT | Grade 11<br>CAT | Grade 11<br>PT |
|---------------------|-------------------|------------------|-------------------|------------------|-----------------|----------------|
| Total               | 20                | 4*               | 22                | 4*               | 22              | 4*             |
| 1. Reading          | 8                 | 0                | 10                | 0                | 10              | 0              |
| 2. Writing          | 4                 | 3                | 4                 | 3                | 4               | 3              |
| 3. Listening        | 4                 | 0                | 4                 | 0                | 4               | 0              |
| 4. Research/Inquiry | 4                 | 1                | 4                 | 1                | 4               | 1              |

[The Full version of the Smarter Balanced Summative Assessment for ELA/literacy blueprint](#)

\*PT full write item is counted as 3 items

The [Smarter Balanced Summative Assessment for Mathematics blueprint](#) for the full form is available in the Smarter Content Explorer. Table 3 summarizes the number of items by claim for the full form.

**Table 3. Smarter Balanced Summative Assessment for Mathematics Full Form Blueprint: Number of Items by Claim**

| Claim                         | Grades 3–5, 7, 8 CAT | Grades 3–5, 7, 8 PT | Grade 6 CAT | Grade 6 PT | Grade 11 CAT | Grade 11 PT |
|-------------------------------|----------------------|---------------------|-------------|------------|--------------|-------------|
| Total                         | 31–34                | 4–6                 | 30–34       | 4–6        | 33–36        | 4–6         |
| 1. Concepts and Procedures    | 17–20                | 0                   | 16–20       | 0          | 19–22        | 0           |
| 2. Problem Solving            | 3                    | 1–2                 | 3           | 1–2        | 3            | 1–2         |
| 3. Communicating Reasoning    | 8                    | 0–2                 | 8           | 0–2        | 8            | 0–2         |
| 4. Modeling and Data Analysis | 3                    | 1–3                 | 3           | 1–3        | 3            | 1–3         |

Table 4 summarizes the number of items by claim for the Smarter Balanced Summative Assessment for Mathematics adjusted form blueprint.

**Table 4. Smarter Balanced Summative Assessment for Mathematics Adjusted Form Blueprint: Number of Items by Claim**

| Claim                         | Grades 3–5, 7, 8 CAT | Grades 3–5, 7, 8 PT | Grade 6 CAT | Grade 6 PT | Grade 11 CAT | Grade 11 PT |
|-------------------------------|----------------------|---------------------|-------------|------------|--------------|-------------|
| Total                         | 17                   | 4–6                 | 16–17       | 4–6        | 18           | 4–6         |
| 1. Concepts and Procedures    | 10                   | 0                   | 9–10        | 0          | 11           | 0           |
| 2. Problem Solving            | 1                    | 1–2                 | 1           | 1–2        | 1            | 1–2         |
| 3. Communicating Reasoning    | 4                    | 0–2                 | 4           | 0–2        | 4            | 0–2         |
| 4. Modeling and Data Analysis | 2                    | 1–3                 | 2           | 1–3        | 2            | 1–3         |

[The Full version of the Smarter Balanced Summative Assessment for Mathematics blueprint](#)