

Utah RISE Mathematics Blueprint

Grade 3 45 Operational Items

| Domain | Min. | Max. |
|--|------|------|
| Operations and Algebraic Thinking (OA) | 29% | 38% |
| Number and Operations in Base Ten (NBT) | 18% | 22% |
| Number and Operations - Fractions (NF) | 27% | 31% |
| Measurement and Data and Geometry (MD/G) | 18% | 22% |
| DOK 1 | 18% | 31% |
| DOK 2 | 38% | 58% |
| DOK 3 | 9% | 20% |

Grade 4 50 Operational Items

| Domain | Min. | Max. |
|--|------|------|
| Operations and Algebraic Thinking (OA) | 18% | 22% |
| Number and Operations in Base Ten (NBT) | 28% | 32% |
| Number and Operations - Fractions (NF) | 28% | 32% |
| Measurement and Data and Geometry (MD/G) | 16% | 22% |
| DOK 1 | 22% | 44% |
| DOK 2 | 44% | 58% |
| DOK 3 | 12% | 22% |

Grade 5 50 Operational Items

| Domain | Min. | Max. |
|--|------|------|
| Operations and Algebraic Thinking (OA) | 16% | 20% |
| Number and Operations in Base Ten (NBT) | 30% | 36% |
| Number and Operations - Fractions (NF) | 28% | 34% |
| Measurement and Data and Geometry (MD/G) | 18% | 22% |
| DOK 1 | 16% | 28% |
| DOK 2 | 50% | 64% |
| DOK 3 | 10% | 24% |

Grade 6 50 Operational Items

| Domain | Min. | Max. |
|--|------|------|
| Ratios and Proportional Relationships (RP) | 28% | 32% |
| The Number System (NS) | 18% | 22% |
| Expressions and Equations (EE) | 28% | 34% |
| Geometry/Statistics and Probability (G/SP) | 16% | 20% |
| DOK 1 | 24% | 37% |
| DOK 2 | 46% | 62% |
| DOK 3 | 8% | 20% |

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READINESS
IMPROVEMENT
SUCCESS
EMPOWERMENT



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Grade 7
50 Operational Items

| Domain | Min. | Max. |
|----------------------------|------|------|
| Ratio and Proportions | 22% | 26% |
| Expressions and Equations | 16% | 20% |
| The Number System | 18% | 22% |
| Geometry | 18% | 22% |
| Statistics and Probability | 18% | 22% |
| DOK 1 | 12% | 24% |
| DOK 2 | 48% | 60% |
| DOK 3 | 20% | 26% |

Grade 8
50 Operational Items

| Domain | Min. | Max. |
|------------------------------|------|------|
| Functions | 20% | 24% |
| Expressions and Equations | 20% | 24% |
| Geometry / The Number System | 34% | 40% |
| Statistics and Probability | 16% | 20% |
| DOK 1 | 20% | 30% |
| DOK 2 | 40% | 50% |
| DOK 3 | 20% | 26% |

Note: The percentages shown represent target aggregate values; individual student experiences will vary based on the adaptive algorithm.

Disclosure: Depth of Knowledge (DOK) and Elements of Rigor are essential components of the Utah Mathematics Core Standards. As such, DOK and Elements of Rigor are integrated into the Readiness. Improvement. Success. Empowerment (RISE) assessment items. All students will see a variety of DOK and Elements of Rigor on the RISE summative assessment.

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