Mathematics - Grade 5

Claim #1
Concepts and Procedures
Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.

Operations and Algebraic Thinking

Target A [a/s]*
Write and interpret numerical expressions.

Standards
5.OA 1
5.OA 2

DOK 1, 2

Target B [a/s]*
Analyze patterns and relationships.

Standard
5.OA 3

DOK 2

Number and Operations in Base Ten

Target C [m]*
Understand the place value system.

Standards
5.NBT 1
5.NBT 2
5.NBT 3
5.NBT 4

DOK 1, 2

Target D [m]*
Perform operations with multi-digit whole numbers and with decimals to hundredths.

Standards
5.NBT 5
5.NBT 6
5.NBT 7

DOK 1, 2

*In the tables above, these designations— [m] “major” and [a/s] “additional/supporting” — are provided at the cluster level. See Appendix for further explanation.
Mathematics - Grade 5

Claim #1
Concepts and Procedures
Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.

Number and Operations – Fractions

Target E [m]*
Use equivalent fractions as a strategy to add and subtract fractions.

Standards 5.NF 1
5.NF 2
DOK 1, 2

Target F [m]*
Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Standards 5.NF 3
5.NF 4
5.NF 5
5.NF 6
5.NF 7
DOK 1, 2

Target G [a/s]*
Convert like measurement units within a given measurement system.

Standards 5.MD 1
DOK 1, 2

Target H [a/s]*
Represent and interpret data.

Standards 5.MD 2
DOK 2

Target I [m]*
Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

Standards 5.MD 3
5.MD 4
5.MD 5
DOK 1, 2

Target J [a/s]*
Classify two-dimensional figures into categories based on their properties.

Standards 5.G 1
5.G 2
DOK 1

Target K [a/s]*
Classify two-dimensional figures into categories based on their properties.

Standards 5.G 3
5.G 4
DOK 2

*In the tables above, these designations— [m] “major” and [a/s] “additional/supporting” — are provided at the cluster level. See Appendix for further explanation.