GRADE 8 – TIER 2 – EMERGING
An eighth grade Tier 2 student performing at the Emerging Level demonstrates a progressing academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

Students performing at this level demonstrate these abilities by

✓ identifying a 2-dimensional figure that has been rotated, reflected, or translated,
✓ identifying an equation that matches a two-step, real-world addition problem with whole numbers.

GRADE 8 – TIER 2 – NOVICE
An eighth grade Tier 2 student performing at the Novice Level demonstrates a developing academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the Emerging level, students performing at this level demonstrate these abilities by

✓ identifying the 3-dimensional figure that has been rotated, reflected, or translated,
✓ identifying data by reading a two-way table,
✓ identifying an equation that matches a two-step, real-world problem subtraction with whole numbers,

GRADE 8 – TIER 2 – PROFICIENT
An eighth grade Tier 2 student performing at the Proficient Level demonstrates a fundamental academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the Novice level, students performing at this level demonstrate these abilities by

✓ identifying the solution to two-step, real-world addition or subtraction problems with visual support,
✓ identifying where the line crosses the y axis,
✓ identifying the meaning of a squared or cubed number in exponential form,
✓ identifying the length/distance of the longest side of a right triangle in a real-world problem,
✓ identifying the approximate location of a non-terminating decimal on a number line,
✓ comparing two proportional relationships on a graph to determine similarities or differences,
✓ identifying the volume of a three-dimensional shape given a formula and visual model.

GRADE 8 – TIER 2 – ADVANCED
An eighth grade Tier 2 student performing at the Advanced Level demonstrates a consistent academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

In addition to the skills demonstrated by students performing at the Proficient level, students performing at this level demonstrate these abilities by

✓ identifying a decimal to the hundredths place and the equivalent fraction,
✓ identifying a statement that describes the relationship between variables displayed on a scatterplot,
✓ identifying data that represents a cross-section of a two-way table.

As approved by the State Board of Education on July 11, 2019