GRADE 6 – TIER 1 – EMERGING
A sixth grade Tier 1 student performing at the Emerging Level demonstrates a preliminary academic awareness of the knowledge, skills, and processes outlined by the Pennsylvania Alternate Eligible Content.

Students performing at this level demonstrate these abilities by
✓ locating a positive number on a number line,
✓ selecting a multiple of ten using visual support.

GRADE 6 – TIER 1 – NOVICE
A sixth grade Tier 1 student performing at the Novice Level demonstrates a limited 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
✓ locating a negative number on a number line,
✓ identifying a mathematical expression using visual supports that matches a one-step, real-world addition problem with whole numbers,
✓ solving a problem using two, two-digit whole numbers and any four operations with support,
✓ identifying the volume of a simple shape by counting unit cubes in order to solve a real-world problem,
✓ identifying the ratio that matches a given representation using a small number set and visual model,
✓ identifying the mode in set of data presented with a visual model.

GRADE 6 – TIER 1 – PROFICIENT
A sixth grade Tier 1 student performing at the Proficient 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 Novice level, students performing at this level demonstrate these abilities by
✓ identifying similarities or differences by making comparisons on a number line,
✓ identifying the product (up to 100) using single-digit whole numbers less than 10 and a visual model/supports,
✓ identifying the solution to a unit rate problem with a visual model,
✓ identifying a mathematical expression using visual supports that matches a one-step, real-world subtraction problem with whole numbers,
✓ identifying a percent as a portion out of 100.

GRADE 6 – TIER 1 – ADVANCED
A sixth grade Tier 1 student performing at the Advanced Level demonstrates a progressing 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 the quotient of two single-digit whole numbers up to 10 with a visual model,

As approved by the State Board of Education on July 11, 2019
✓ locating the opposite of a given positive/negative number on a number line,
✓ identifying the median from a small data set presented with a visual support,
✓ identifying the solution of a three-digit whole number problem using addition,
✓ identifying relationships between variables in an equation using a visual model,
✓ identify a point in any of the four quadrants on a graph,
✓ matching three-dimensional shapes based on attributes.