GRADE 4 – TIER 2 – EMERGING
A fourth 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 the solution to two-step, real-world addition problem using small numbers,
- ✓ identifying area of a shape as what covers the shape.

GRADE 4 – TIER 2 – NOVICE
A fourth 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
- ✓ selecting the bar graph or line plot that corresponds to data in a table supported with pictures,
- ✓ identifying the solution to two-step, real-world subtraction problem using small numbers,
- ✓ identifying multiples of 5 to 100,
- ✓ comparing small numbers to determine greater than, less than, or equal,
- ✓ identifying equivalent fractions with denominators of 3, 4, or 8.

GRADE 4 – TIER 2 – PROFICIENT
A fourth 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 differences between two whole numbers with numbers up to 20,
- ✓ identifying the appropriate unit of measurement in a real-world problem,
- ✓ sorting three shapes into groups based on the number of sides with picture support,
- ✓ identifying the sums of or differences between two whole numbers,
- ✓ comparing two fractions with like denominators using greater than, less than or equal and visual support,
- ✓ identifying the number that extends a pattern when given a rule,
- ✓ identifying the perimeter of a rectangle when provided with model and small numbers,
- ✓ identifying the solution for adding or subtracting fractions with common denominators given picture support,
- ✓ selecting the representation that matches a multiplication or division problem,
- ✓ determining the reasonableness of an addition or subtraction problem.

GRADE 4 – TIER 2 – ADVANCED
A fourth 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.

As approved by the State Board of Education on July 11, 2019
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 that is equivalent to a fraction (tenths),
- ✓ decomposing a fraction into multiple copies of a unit fraction (denominators 3, 4, or 8),
- ✓ identifying the line of symmetry in a 2-dimensional figure,
- ✓ determining the reasonableness of the results of an addition or subtraction problem,
- ✓ organizing data into a graph or chart for the given information.