
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.

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.