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## GRADE 4 – TIER 1 – EMERGING

A fourth 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

- ✓ selecting a two-dimensional shape with the same number of sides as a given shape,
- ✓ identify the solution to a two-step, real-world addition problem with small quantities and visual support,
- ✓ identifying the line that divides a two-dimensional shape into two parts that are the same size and shape.

## GRADE 4 – TIER 1 – NOVICE

A fourth 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

- ✓ selecting a pictograph that shows data displayed in a table with small quantities and support,
- ✓ identifying the solution to a two-step, real-world subtraction problem with small quantities and visual support,
- ✓ adding or subtracting quantities.

## GRADE 4 – TIER 1 – PROFICIENT

A fourth 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 the solution to a real-world multiplication problem using a multiplication model and support,
- ✓ identifying the area of a shape as what covers when given a model,
- ✓ identifying the perimeter of a rectangle by demonstrating the distance around the outside,
- ✓ identifying equivalent fractions,
- ✓ identifying multiples of 10 to 100,
- ✓ comparing small quantities to determine greater than, less than, or equal,
- ✓ identifying an appropriate unit of measure in a real-world problem using visual supports.

## GRADE 4 – TIER 1 – ADVANCED

A fourth 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

- ✓ selecting a representation of a multiplication or division problem using small quantities,
- ✓ identifying the small set of objects that extends a simple pattern when given a rule,

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- ✓ identifying the solution for adding fractions in representational form using small common denominators and visual support,
  - ✓ determining the reasonableness of the results of an addition problem with visual support,
  - ✓ identifying the decimal that is equivalent to a fraction with a denominator up to 10 with a visual model.