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## GRADE 11 – TIER 1 – EMERGING

An eleventh 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

- ✓ identifying the inter-relatedness of two and three-dimensional figures using models or visual supports,
- ✓ identifying the appropriate unit of measurement given a familiar, real-world context and visual support.

## GRADE 11 – TIER 1 – NOVICE

An eleventh 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

- ✓ identifying the unknown attribute for the area of a familiar shape when given one of the attributes and a visual model,
- ✓ identifying a missing coordinate given a table of ordered pairs, and teacher modeling,
- ✓ identifying the value of an unknown dimension in a simple shape given the formula for the volume of a two of the dimensions and a visual model.

## GRADE 11 – TIER 1 – PROFICIENT

An eleventh 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 of addition/subtraction/multiplication/division expression using visual supports that corresponds to a real-world problem,
- ✓ identifying the one variable equation that represents a real-world problem using small numbers and visual support,
- ✓ answering a question about data presented in a 2-way table given visual support,
- ✓ identifying the scaling factor used in a familiar, real-world problem,
- ✓ comparing the area of two simple shapes with one equivalent attribute.

## GRADE 11– TIER 1 – ADVANCED

An eleventh 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

- ✓ identify the connection between a decimal and a fraction in a real-world problem given visual support,
- ✓ interpreting the mean or median of two simple datasets with visual supports,

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- ✓ interpreting the effect of changing one variable on another when using a visual model,
  - ✓ identifying the conditional probability of a familiar, real-world event given visual supports,
  - ✓ identifying the relationship between 2 variables in a function.