As approved by the State Board of Education on July 11, 2019

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