Grade 3 Mathematics ISAT Proficiency Level Descriptors

Advanced
Third grade students typically performing at the Advanced level consistently demonstrate a thorough understanding of grade-level mathematics. They use the numeration system and money, measurement concepts and estimation, concepts related to length and time, complex number sentences and expressions, and symmetry in order to solve real-world problems. Students model real-world situations using challenging patterns and data displays. Students show the ability to consistently perform challenging calculations, locate points on a number line, and solve challenging equations as a way to demonstrate their understanding of the relationships between mathematics and the world around them.

Proficient
Third grade students typically performing at the Proficient level demonstrate a general understanding of grade-level mathematics. They use the numeration system and money, measurement concepts and estimation, concepts related to length and time, number sentences and expressions, and symmetry in order to solve real-world problems. Students model real-world situations using patterns and data displays. Students show the ability to adequately perform calculations, locate points on a number line, and solve equations as a way to demonstrate their understanding of the relationships between mathematics and the world around them.

Basic
Third grade students typically performing at the Basic level demonstrate a limited understanding of grade-level mathematics. They demonstrate limited use of the numeration system and money, measurement concepts and estimation, concepts related to length and time, simple number sentences and expressions, and symmetry in an attempt to solve real-world problems. Students model basic real-world situations using simple patterns and simple data displays. Students show the ability to perform some simple calculations, locate some points on a number line, and solve some equations in an attempt to demonstrate their understanding of the relationships between mathematics and the world around them.