

Iowa Core Math Standards

Manson Northwest Webster believes in the importance of teaching for Mathematical Understanding. The Iowa Core Math Standards define what students should understand and be able to do in their study of mathematics. Asking a student to understand something means asking a teacher to assess whether the student has understood it. But what does mathematical understanding look like? One hallmark of mathematical understanding is the ability to justify, in a way appropriate to the student's mathematical maturity, why a particular mathematical statement is true or where a mathematical rule comes from. Mathematical understanding and procedural skill are equally important, and both are assessable using mathematical tasks of sufficient richness. These Standards not only by stress conceptual understanding of key ideas, but also continually return to organizing principles such as place value or the laws of arithmetic to structure those ideas.

The full Iowa Core Math document and details can be found at the following link.

http://educateiowa.gov/index.php?option=com_content&view=article&id=2243&Itemid=4341