

Summary of Revisions to the ABE/ASE Mathematics Standards

Rationale

In August 2019 the National Reporting System (NRS) released updated Educational Functioning Level Descriptors as part of the Technical Assistance Guide for Performance Accountability. The updated descriptors use the CCR Standards as a foundation and address the most critical mathematics concepts for adult learners. These descriptors provided a shift in mathematics content within the different NRS levels not previously noted. In 2020 a committee of Math Specialists in Illinois completed work accommodating the shifts in the standards. Below is a summary of the revisions to the IL ABE/ASE Mathematics Standards.

Overall Revisions to the Document

- With the shift in NRS EFL descriptors came a title change to math NRS levels (p.9).
- *Appendix B - Standards for Mathematical Practice Reference* document was added.
- Throughout the NRS levels, under the code in the first column, a “MWOTL” notation may or may not be present. MWOTL stands for Major Work of the Level, and standards with this notation should be the focus of instructional time within the NRS level.
- The fourth column of the standards in each NRS level now lists revised example tasks, problems, or activities to assist adult educators in better understanding and implementing the standards in adult education classrooms.

Revisions to Individual NRS Levels

NRS 3 Low Intermediate Basic Education

Several domains have been added to this level to accommodate standards shifting to NRS 3.

- The Ratios and Proportions (RP)
- Expressions and Equations (EE)
- Number System (NS)
- Statistics and Probability (SP)

Several standards from NRS 4 have shifted to the following domains in NRS 3:

- Numbers & Operations with Fractions (NF)
- Numbers and Operations in Base Ten (NBT)

- Operations and Algebraic Thinking (OA)
- Geometry (G)

NRS 4 Middle Intermediate Basic Education

Several standards previously in NRS 4 have been shifted up or down a level based on the NRS descriptor. This also means that the number of a specific standard may have changed.

NRS 5 High Intermediate Basic Education

Several standards from NRS 4 have shifted to the following domains in NRS 5:

- Number and Quantity (N)
- Algebra (A)
- Geometry (G)
- Statistics and Probability (S)

NRS 6 Adult Secondary Education

Several Standards from NRS 5 have shifted to the following domains in NRS 6:

- Number and Quantity(N)
- Algebra (A)
- Functions (F)
- Statistics and Probability (S)

Implications

- Programs should notify all instructional and curriculum staff of the change to the IL ABE/ASE Mathematics Standards.
- The most actionable implication for programs is a revision of their ABE/ASE math curriculum. This shift in the standards and educational functioning levels directly affects the breadth of math topics taught in a specific level. Changes may need to be made for tighter alignment between the standards and curriculum.
- Both the CASAS GOALS and TABE 11 & 12 assessments are aligned with the current EFL descriptors and CCR standards. This tighter alignment should now be reflected more accurately in the IL ABE/ASE Mathematics Standards.
- Standard reference codes in documentation may now be slightly different (i.e., standard 4.RP.3 is now 4.RP.1).