UEB Code
UEB with Nemeth Code

Official Codes - United States

The official codes for use in the U.S., as approved by the Braille Authority of North America (BANA):

- Unified English Braille (UEB);

- Nemeth Code for Mathematics and Science Notation, 1972 Revisions and published updates;

- Music Braille Code, 1997;

- International Phonetic Alphabet (IPA) Braille Code, 2008.

UEB Code

- UEB is one code for literary, mathematics, and computer science text elements.

- UEB technical code for math and science is part of the UEB and is used in all grade levels.

- The UEB replaces the EBAE literary code.

Nemeth Code

- The Nemeth Braille Code is a technical code for mathematics and science.

- It has been used for decades in the United States.

- It will continue to be used within the context of the UEB for technical materials in all grade levels.

UEB Guidelines

- *UEB Guidelines for Technical Materials* provides producers of braille with information and examples to produce Mathematics, Science and Computer notation in UEB for instructional materials.

- The *UEB Guidelines for Technical Materials* are available on the BANA website at https://www.brailleauthority.org/unified-english-braille-codebooks.

Nemeth Guidelines

- *The Nemeth Code for Mathematics and Science Notation, 1972 Revision* provides producers of braille with rules and format guidance for producing mathematics and science instructional materials.

- The *Nemeth Code for Mathematics and Science Notation, 1972 Revision* are available for purchase. https://www.brailleauthority.org/bana-publications-available-purchase

UEB Code Switching

- The use of specific symbols to indicate that UEB technical code is beginning and ending, when used with Nemeth, Music or IPA braille codes, is called code switching.

- The purpose of code switching is to indicate text which is transcribed in a braille code other than UEB.

- Specific guidelines for Code Switching are provided in Section 14 of *The Rules of Unified English Braille*. These rules are available on the BANA website at https://www.brailleauthority.org/unified-english-braille-ueb.

Nemeth Code Switching

Guidance for Transcription Using the Nemeth Code within UEB Contexts, Revised April 2018

- Provides producers of braille with information regarding the use of the Nemeth Code within UEB text.

- Outlines the use of opening and closing Nemeth indicators used to indicate the switch in and out of Nemeth code.

- Provides examples of Code Switching using opening and closing Nemeth indicators.

- Gives additional guidelines and formatting directives.

- Available on the BANA website at https://www.brailleauthority.org/nemeth-code.

Web Resources

- Nemeth or UEB: Factors and Considerations for Math Code

- UEB Transition and Implementation in Indiana, Indiana Educational Resource Center/ICAM Position Statement for the Provision of Materials

- Unified English Braille Timeline for Implementation in Indiana

Web Resources

- Indiana Educational Resource Center
  www.patinsproject.org/icam/ierc

- Braille Authority of North America (BANA)
  www.brailleauthority.org

- International Council on English Braille (ICEB)
  www.iceb.org