
**State Approved Textbooks: Section D
Mathematics Reasoning for Decision Making**

The Background:

The State Textbook and Instructional Materials Quality Commission has prepared a final list of textbooks and instructional resources for the single mathematics course going through the Schedule D adoption cycle. T.C.A. § 49-1-302(a)(9) states that it is the duty of the State Board of Education (State Board), and the State Board has the power to, “prescribe the use of textbooks and other instructional materials, based on recommendations of the state textbook and instructional materials quality commission, for the various subjects taught or used in conjunction with the public schools.”

T.C.A. § 49-6-2202(a) requires the State Textbook and Instructional Materials Quality Commission (Commission) to prepare “a list of standard editions of textbooks and instructional materials for approval by the State Board of Education for the use in the public schools of the state.” The law also provides that the Commission, “may recruit and appoint an advisory panel of expert teachers and other experts in each subject area or grade level to advise the commission on textbook and instructional material selections.” [T.C.A. § 49-6-2201(l)(1)(a)].

During the last mathematics standards revision, the standards review panel working closely with State Board staff felt that a new course needed to be developed to replace Bridge Mathematics and Applied Mathematical Concepts. The standards for this new course were developed using input from educators, Tennessee Colleges of Applied Technology (TCATs), and industry partners. The result was a course developed with standards pivoting from an ACT score-focused course to one that is more in line with students’ post-secondary aspirations, specifically focusing on the mathematical needs of students aspiring to attend a TCAT, enlist in the military, or enter the workforce.

Because the standards review timeline was delayed and because this is a brand-new course in Tennessee, the instructional materials adoption process was delayed for this singular mathematics course to provide publishers the opportunity to develop Tennessee-specific materials for this unique course.

A call for bids for instructional materials for the Mathematics Reasoning for Decision Making course was issued in Fall 2023, which resulted in a single material being bid in March 2024. Following all processes of the Commission, the material was reviewed using an approved rubric by advisory panelists and passed by the Commission on March 26, 2024, to be recommended to the State Board as an approved material for this course. The material that passed review is as follows:

- *Thinking Mathematically*. Blitzer, R.F. 8th Edition.

The material was found to include all Tennessee academic standards for the course and met the scoring requirements set forth by the Commission. As there was this single material reviewed and it passed the Commission’s review, there is no need to run a publisher’s appeal process.

This item presents this instructional material for consideration by the State Board to be approved for teaching Mathematics Reasoning for Decision Making to Tennessee students. Once approved by the State Board, the decision will be shared with the Commission and then shared with districts to begin their adoption process for this course.

The Fiscal Analysis Impact:

T.C.A. § 49-1-212 requires that the Department prepare a fiscal analysis of any policy, rule, or regulation proposed to the State Board of Education. This item has no financial impact on an LEA.

The Recommendation:

The Department of Education recommends approval of this item on first and final reading. The SBE staff concurs with this recommendation.