

**New Fairfield Public Schools
Textbook Selection Information**

Course: Mathematics

Grade(s): K - 5

Title: *Bridges in Mathematics*

Author(s): Burk, Snider

Publisher: The Math Learning Center

Date: Second Edition 2017

Readability:

The following criteria were adopted and/or adapted from the American Library Association Workbook for Selection Policy Writing.

- 1. Learning resources shall support and be consistent with the general educational goals of the state and the district and the aims and objectives of individual schools and specific courses.**

Grade level units focus on the major work of the grade; there is coherence of the standards learning progressions within and between grades. The program encourages students to be responsible for their own learning and uses good questioning strategies to draw out student thinking. It promotes discourse while creating a safe learning environment.

- 2. Learning resources shall be chosen to enrich and support the curriculum and the personal needs of users.**

Bridges focuses on developing students' deep understandings of mathematical concepts, proficiency with key skills, and ability to solve complex and real-world problems. Students solve problems using visual models and manipulatives. Teachers facilitate discourse to guide students to make and test conjectures while recording their thinking. Mathematical practices are integrated within lessons. Students talk and move around the classroom to support active engagement.

- 3. Learning resources shall meet high standards of quality in format, visual quality and presentation:**

Lessons are organized and follow an engaging structure. Manipulatives enhance conceptual understanding and structured investigation tasks support skill application.

- 4. Learning resources shall be appropriate for the subject area and for the age, emotional development, ability level, learning styles, and social development of the students for whom the materials are selected.**

Bridges blends direct instruction, structured investigation, and open exploration that is developmentally appropriate. It taps into prior knowledge and strengths of all students by presenting material that is as linguistically, visually, and kinesthetically rich as it works to build mathematical understanding.

5. Learning resources shall promote an appreciation of cultural diversity.

The resource provides a varied collection of real-life and mathematical problems that are culturally diverse.

6. The publisher provides appropriate support materials

There is digital access as well as student consumable resources. Manipulatives, games, activities, word resource cards, and literature support learning. Professional development and collaboration is part of the implementation process.

7. Price per book and the number needed:

K-5: \$1900 per class size of 25 therefore apx. \$91,000