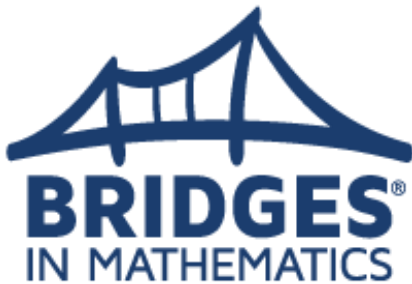


INDIAN RIVER SCHOOL DISTRICT



WELCOME BACK!

This year we are using Bridges in Mathematics, a K–5 math program that will help us meet the new standards and make math meaningful and exciting.



How Will My Child Learn Math This Year?

Your child's classroom will use Bridges in Mathematics second edition, a comprehensive curriculum for grades K–5. Bridges is a rigorous program designed to address the new math standards in a way that's enjoyable and accessible to all learners.

The curriculum focuses on developing in students a deep understanding of math concepts, proficiency with key skills, and the ability to solve new and complex problems. Learning activities tap into the intelligence and strengths all students have by presenting mathematically

powerful material alive with language, pictures, and movement.

Students in a Bridges classroom talk about math, describe observations, explain methods, and ask questions. They are encouraged to find multiple ways to solve problems and show different ways of thinking. This is a vital way to help students build more flexible and efficient ways to solve increasingly complex problems. Hands-on activities engage them in exploring, developing, testing, discussing, and applying mathematical concepts.

FREE APPS THAT SUPPORT BRIDGES



Geoboard is a tool for exploring a variety of mathematical topics introduced in grades K-8. Learners stretch bands around pegs to form line segments and polygons and make discoveries about perimeter, area, angles, fractions, and more



Math Vocabulary Cards help students deepen their conceptual understanding of key terms in mathematics. Each card features three sections: a math term, a representative example or model, and a concise definition.



Number Frames help students structure numbers to five, ten, twenty, and one hundred. Students use the frames to count, represent, compare, and compute with numbers in a particular range.



Number Line helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.



Number Pieces helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the number pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.



Number Rack facilitates the natural development of children's number sense. Rows of moveable, colored beads encourage learners to think in groups of fives and tens, helping them to explore and discover a variety of addition and subtraction strategies

Building mathematical thinkers!

How Is the Program Structured?

Problems & Investigations

Problems & Investigations often begin with a problem posed to the whole class. Students think and work independently or talk in pairs before sharing and comparing strategies and solutions as a whole class. The teacher monitors and guides the class discussion to make sure that students understand important mathematical concepts.

Work Places

Work Places are engaging math exploration activities that reinforce key skills. The teacher observes and interacts to address students' need for support and enrichment.

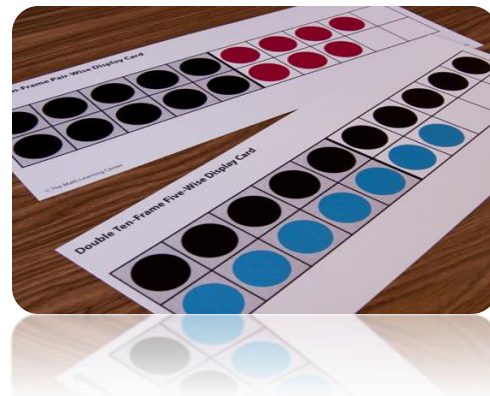
Number Corner

Number Corner is a skill-building program that revolves around the classroom calendar and gives students an active role. They receive daily practice as well as steady

encounters with broader mathematical concepts.

Homework

Home Connections assignments are sent home at the discretion of your child's teacher. At times, your child may bring home math games or activities for you to enjoy together, but the main role for parents is not to teach but to guide your student and take an interest in their work. You'll be receiving Unit Overviews throughout the year that explain the math concepts the class is currently focused on and suggest specific ways you may support your child.



Bridges features a combination of whole-group, small-group, and independent activities that are problem centered.

How Does Bridges Support Families?



mathlearningcenter.org/families

Visit the [Support for Families](#) page on the [Math Learning Center](#) website, where you will find:

- ✓ Unit overviews that explain what your child will be learning
- ✓ Tips for helping your child with homework
- ✓ Links to more information about each grade level of Bridges
- ✓ Links to additional resources, including books and free online games

