

BIDDEFORD SCHOOL DISTRICT CURRICULUM FOR MATH

INVESTIGATIONS (K-5)

The *Investigations* Math Program was purchased by the Biddeford School District in 2010. *Investigations* is used in grades K-5. Based on extensive classroom testing, *Investigations* takes seriously the time students need to develop a strong conceptual foundation and skills based on that foundation. Therefore, each curriculum unit focuses on an area of content, in depth, providing 2 to 5 1/2 weeks for students to develop and practice ideas across a variety of activities and contexts that build on each other. The units also address the learning needs of real students in a wide range of classrooms and communities. The investigations are carefully designed to invite all students into mathematics—girls and boys; members of diverse cultural, ethnic, and language groups; and students with a wide variety of strengths, needs, and interests.

FOCUS MATH (At BIS, Title I staff uses FOCUS MATH to support the Investigations curriculum. FOCUS MATH was recommended to Biddeford by Investigations representatives, and is often recommended by them as a companion to Investigations in working with struggling learners.

focusMATH is an intensive, K-6 math intervention program designed to fit any Response to Intervention (RtI) framework and work with any math program. *focusMATH* identifies at-risk students early and accelerates their learning with instruction that is intensive, balanced, and individualized. All grade levels consist of three units, each built around a specific NCTM Focal Point.

IXL.com (Licenses have been purchased and need to be renewed annually for grades K-5.)

IXL assesses your students' understanding as they practice, and generates detailed performance reports to give you valuable insight about your students' abilities. With a single click of your mouse, you can view any of IXL's 37 reports, which include data on grade-level proficiency, trouble spots, and even progress toward meeting state standards.

IXL's reports are designed to give you the information you need to help your students reach their potential in math. With IXL you can identify a student's strengths and pinpoint trouble spots; view improvement over time; and measure progress based on length

of practice time. You can even view the actual problems a student missed and the answers students chose for those problems.

With IXL's reporting suite tracking your students' work, it's easy to set practice goals for your students, or even assign IXL practice as homework. You have quick access to your students' usage information, so you'll know when assignments are completed, as well as how your students are performing.

As your students master skills, they collect ribbons and medals that keep them motivated as they practice. IXL even features a themed game board for each grade so that your students can win exciting prizes as they practice.