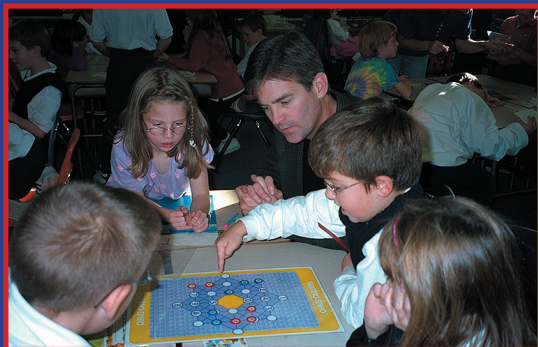


MATHEMATICS PENTATHLON®

MATH GAMES & ACTIVITIES THAT PROMOTE CREATIVE THINKING

Mathematics Pentathlon® is a program of interactive problem-solving games, supportive curricular and instructional activities, and assessment tools for ALL students in grades K-7. This motivational program strengthens basic math concepts and skills, aligns with National and State Mathematics Standards, and stimulates creative thinking while developing problem-solving skills.

**BENEFITS STUDENT ACHIEVEMENT
ALIGNS WITH MATH STANDARDS
FOR SCHOOLS, CLUBS, AND HOMES
ACADEMIC TOURNAMENTS
PROFESSIONAL INSERVICES**



WWW.MATHPENTATH.ORG

BENEFITS TO STUDENTS' ACHIEVEMENT

- ★ **Differentiates Instruction**
uses specially-designed board games to motivate ALL students of varying abilities and learning styles to enjoy math and spend more time learning it
- ★ **Develops Active Problem Solving**
the ability to resolve problems that are continually undergoing change
- ★ **Integrates 3 Types of Mathematical Reasoning**
spatial, computational, and logical
- ★ **Stimulates “Right Brain” Thought**
creative thinking, spatial visualization and reasoning
- ★ **Utilizes Mathematics Manipulatives**
models to develop conceptual understanding

MORE TIME ENJOYING AND LEARNING MATH

BETTER TEST SCORES & PROBLEM-SOLVING ABILITIES!!!



HOW IS IT USED?

Involvement in the Mathematics Pentathlon® program can occur in several ways:

- ★ Classroom Instruction
- ★ Math Clubs
- ★ Home Use of Program
- ★ Mathematics Pentathlon® Tournaments

Students learn the five Mathematics Pentathlon® games and related activities and assessments within the appropriate Division (grade level):



Division I (Grades K-1)
Division II (Grades 2-3)
Division III (Grades 4-5)
Division IV (Grades 6-7)

ALIGNMENT WITH NATIONAL & STATE STANDARDS

The Math Pentathlon® program aligns with and stresses the following National and State Standards:

- ★ Number & Operations
- ★ Algebra
- ★ Geometry & Measurement
- ★ Data Analysis & Probability
- ★ Problem Solving
- ★ Reasoning & Proof
- ★ Oral & Written Communications
- ★ Connections & Representations

This highly motivational program aligns with National and State Standards, strengthens basic concepts and skills, and also develops higher level problem-solving abilities. To see how this program targets many indicators for each standard visit the Mathematics Pentathlon®

website at www.mathpentath.org

ESSENTIAL MATERIALS



- ★ the 5 games within the appropriate grade levels (divisions):
 - Division I (K-1); Division II (2-3);
 - Division III (4-5); Division IV (6-7)
- ★ curricular activities from Adventures in Problem Solving Book I (K-3) & Book II (4-7) that connect the games with ongoing classroom instruction and club use
- ★ related assessments from Investigation Exercises Binder I (K-3) & Binder II (4-7) that provide problem-solving worksheets and a more creative focus into the multiple strategies of each game

ORDERING INFORMATION

Order online at www.mathpentath.org or by completing an order form found online. We accept most major Credit Cards, Checks, Money Orders, and Purchase Orders. These materials can only be purchased through the Pentathlon Institute.



Involves the entire educational community: parents, students, educators, and other members of the community.

ACADEMIC TOURNAMENTS

Constructive competition is offered by the Pentathlon Institute® for students who have become proficient at the games and want to test their problem-solving/strategic thinking skills with other students. At each tournament every Pentathlete is recognized based on the spirit of cooperative competition. Students are welcome to compete in any existing national center. For more information about Mathematics Pentathlon® visit our website.

www.mathpentath.org

Call: 317-356-6284 ~ FAX 317-356-6680
email: mathpentath@mathpentath.org

MATHEMATICS PENTATHLON®

WHAT KIND OF TRAINING IS AVAILABLE?



3 DAY SUMMER INSTITUTE
FALL TRAINING
SATURDAY INSERVICES
EVENING MINI COURSES
CUSTOMIZED WORKSHOPS

A variety of inservice options are available for teachers, parents, and administrators to optimize the instructional use of this program. To book an inservice for your district, school, or area contact Dr. Mary Gilfeather at 317-549-3232. To see if there is an inservice in your area go to: www.mathpentath.org

Mathematics Pentathlon® is a registered trademark and service mark for tournaments and associated instructional services owned and operated through the Pentathlon Institute. Neither the use of this form nor the acquisition of materials shall be construed as a license to make use of such materials in any competitions or tournaments not specifically authorized by the Pentathlon Institute. Any requests of this nature should be directed to Dr. Mary Gilfeather, **Mathematics Pentathlon®** National Director, Pentathlon Institute, 1412 Sadlier Circle East Drive, Indianapolis, IN 46239.