

MATHEMATICS PENTATHLON® Workshops in Midlothian Registration Form

NAME (Print all info) _____

EMAIL _____ PHONE (____) _____ - _____

Circle Title: Teacher Parent Administrator Other: _____

Circle One Grade: K -1(Div I) 2 -3(Div II) 4 -5(Div III) 6 -7(Div IV)

SCHOOL _____

DISTRICT _____

WORKSHOP: \$65 or bring a friend & pay ONLY \$100

You and your friend MUST register together - see payment section

SPECIAL SAVINGS: \$70 for each Intro Game Set!

BONUS OFFER: \$65 for Professional Packet *which includes
Adventures Book & Investigations Binder*

PAYMENT SECTION by CC, Check, MO, or PO

Description of Fees (Non-Hosting)	Total
Workshop Fee \$65 or with friend \$100	
Friend's Name _____	
Div Intro Game Set \$70 per set: I II III IV	
Professional Packet \$65 per packet	
Total Amount Due	

CC# _____ Exp Date ____/____/____

OR Mail payment Check or Money Order to:

Pentathlon Institute, 4110 Glencairn Lane, Indianapolis, IN 46226

OR PAY BY P.O. - Fax registrations and P.O. to 317-356-6680

MATHEMATICS PENTATHLON® Workshops in Midlothian

FOR: Teachers & Parents who want to implement, or assist in implementing, the program in classrooms, clubs, and/or preparation for academic tournaments

Three Full Day Professional Workshops

October 6, 2009: 4-5 Grade

October 7, 2009: 2-3 Grade

October 8, 2009: K-1 Grade

8:30 AM - 3:30 PM

MIDLOTHIAN, TX (South of Dallas/Forth Worth)
Midlothian I.S.D., L.A. Mills Administration Complex
100 Walter Stephenson Road, 76065

WHAT IS MATHEMATICS PENTATHLON®? A program of interactive problem-solving games, supportive curricular and instructional activities, and evaluation and assessment tools for grades K-7. This motivational program aligns with National and State Standards, strengthens basic concepts and skills, and stimulates creative thinking while developing higher-level problem solving skills.

MATH GAMES AND ACTIVITIES THAT TURN KIDS ON TO MATH AND PROBLEM SOLVING

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.

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

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**
(e.g. creative thinking and spatial visualization);
- ★ **Utilizes Mathematics Manipulatives**
(models) to develop conceptual understanding

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)

WHAT YOU WILL LEARN AT THIS TRAINING



- ★ 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-related 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
- ★ how to implement the Mathematics Pentathlon® Program in several ways including
 - ~ **Classroom Use**
 - ~ **Mathematics Clubs**
 - ~ **Cooperative Competition**

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