

**MATHEMATICS PENTATHLON® October 9, 2010**  
**Saturday Sack Lunch Workshop**  
**Registration Form - Indianapolis, IN**

**Be sure to bring your sack lunch to maximize workshop time!**

NAME (Print) \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Title: Teacher \_\_\_ Parent \_\_\_ Adm \_\_\_ Other \_\_\_\_\_

Grade: K -1 \_\_\_ 2 -3 \_\_\_ 4 -5 \_\_\_ 6 -7 \_\_\_

SCHOOL \_\_\_\_\_

DISTRICT: Perry \_\_\_ Lawrence \_\_\_ Wayne \_\_\_ Archdiocese \_\_\_

**WORKSHOP:** \$45 or bring a friend & pay ONLY \$70

*You and your friend MUST register together - see payment section*

**SPECIAL SAVINGS:** \$75 for each Intro Game Set!

**BONUS OFFER:** \$75 for Professional Package *which includes*  
*Adventures Book & Investigations Binder*

**PAYMENT SECTION by CC, Check, MO, or PO**

Description of Fees (Hosting District)	Total
Workshop Fee \$45 or with friend \$70	
Friend's Name _____	
Div Intro Game Set \$75 per set: I II III IV	
Professional Package \$75 per package	
<b>Total Amount Due</b>	

1) CC# \_\_\_\_\_ Exp Date \_\_\_/\_\_\_

2) Check or Money Order Mail payment to:

Pentathlon Institute, 4110 Glencairn Lane, Indianapolis, IN 46226

3) P.O. - Fax registrations and P.O. to 317-356-6680

**MATHEMATICS PENTATHLON®**  
**Saturday Sack Lunch**  
**K - 7 Grade Workshops**

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

**October 9, 2010**  
**8:30am - 2:30pm**

**INDIANAPOLIS, IN**  
**Archdiocese of Indianapolis**  
**St. Thomas Aquinas School**

**4600 North Illinois Street | Indianapolis, IN 46208**

**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](http://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](http://www.mathpentath.org)  
Call: 317-356-6284 ~ FAX 317-356-6680  
email: [mathpentath@mathpentath.org](mailto:mathpentath@mathpentath.org)

**MULTIPLE REGISTRATIONS FORM**  
**MATHEMATICS PENTATHLON® October 9, 2010**  
**Training for Hosting Districts**  
**Registration Form - Indianapolis, IN**

SCHOOL \_\_\_\_\_

DISTRICT: Perry\_\_\_\_ Lawrence\_\_\_\_ Wayne\_\_\_\_ Archdiocese\_\_\_\_

**1) NAME (Print)** \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_-\_\_\_\_

Title: Teacher\_\_\_\_ Parent\_\_\_\_ Admin\_\_\_\_ Other \_\_\_\_\_

Session Attending: K -1\_\_\_\_ 2 -3\_\_\_\_ 4-5\_\_\_\_ 6-7\_\_\_\_

**2) NAME (Print)** \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_-\_\_\_\_

Title: Teacher\_\_\_\_ Parent\_\_\_\_ Admin\_\_\_\_ Other \_\_\_\_\_

Session Attending: K -1\_\_\_\_ 2 -3\_\_\_\_ 4-5\_\_\_\_ 6-7\_\_\_\_

**3) NAME (Print)** \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_-\_\_\_\_

Title: Teacher\_\_\_\_ Parent\_\_\_\_ Admin\_\_\_\_ Other \_\_\_\_\_

Session Attending: K -1\_\_\_\_ 2 -3\_\_\_\_ 4-5\_\_\_\_ 6-7\_\_\_\_

**4) NAME (Print)** \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_-\_\_\_\_

Title: Teacher\_\_\_\_ Parent\_\_\_\_ Admin\_\_\_\_ Other \_\_\_\_\_

Session Attending: K -1\_\_\_\_ 2 -3\_\_\_\_ 4-5\_\_\_\_ 6-7\_\_\_\_

**5) NAME (Print)** \_\_\_\_\_

EMAIL \_\_\_\_\_ PHONE (\_\_\_\_) \_\_\_\_-\_\_\_\_

Title: Teacher\_\_\_\_ Parent\_\_\_\_ Admin\_\_\_\_ Other \_\_\_\_\_

Session Attending: K -1\_\_\_\_ 2 -3\_\_\_\_ 4-5\_\_\_\_ 6-7\_\_\_\_

<b>PAYMENT SECTION</b>	
<b>by Credit Card, Check, Money Order, or Purchase Order</b>	
Description of Fees (Hosting)	Total
Workshop Fee \$45 for one or \$70 for two	
Div Intro Game Set \$75 per set: I II III IV	
Professional Package \$75 per package	
<b>TOTAL AMOUNT DUE</b>	

**PAYMENT METHODS**

1) CC# \_\_\_\_\_ Exp Date \_\_\_\_/\_\_\_\_

Signature \_\_\_\_\_

2) CC, Check, Money Order, OR Purchase Order mail payment to:  
 Pentathlon Inst, 1412 Sadlier Circle East Drive, Indianapolis, IN 46239  
 OR FAX registrations with payment info to 317-356-6680

QUESTIONS: CALL 317-549-3232 or 317-356-6284