

## **DIVISION I (Grades K-1)**

### **MONTH BY MONTH INSTRUCTIONAL SEQUENCE FOR THE MATHEMATICS PENTATHLON® GAMES: Linking the Games With Adventures in Problem Solving Book I and Investigation Exercises Book I**

(Revised Adventures in Problem Solving 2000)

#### **SEPTEMBER**

- CALLA  
Adventures: Activity I - pp. 97-100 (Standard Configurations)  
Investigations: (if time permits) pp. 3-19
- KINGS & QUADRAPHAGES  
Adventures: Activity I - pp. 131-132 (Five by Five K's & Q's)  
Adventures: (if time permits) Activities III, IV, and V - pp. 135-140 (Pong, Pong Too, & Quarterback Runner)
- SHAPE UP  
Adventures: Activity I - pp. 11-13 and Activity III - pp. 14, 16-19 (Investigate the attributes and various rotations of gameboard shapes.)

#### **OCTOBER**

- CALLA  
Continue practice of Standard Configurations.  
Game: Teach placement and distribution of cubes.
- KINGS & QUADRAPHAGES  
Adventures: Activity II - pp. 133-134 (Seven By Seven K's & Q's)
- HEX-A-GONE  
Adventures: Activities I and II - pp. 163-164 (Investigate the attributes and relationships of pattern blocks.) and Activity VII - pp. 178, 181-185 (Spatial Cover Challenge)
- SHAPE UP  
Adventures: (if time permits) Activities IV, V, VI, VII, and/or VIII - pp. 20-29

#### **NOVEMBER**

- CALLA  
Game: Teach rules and practice game with "Free Turn" rule, but not "Capture" rule.
- KINGS & QUADRAPHAGES  
Game: Practice game on the 9 x 9 gameboard.
- HEX-A-GONE  
Adventures: Activity X - pp. 178, and 186-188 (Intro to Hex-A-Gone)
- SHAPE UP  
Game: Teach rules and practice **without** the use of the "bump" rules.

## **DECEMBER**

- CALLA  
Game: Teach “Capture” rule and practice game using all rules.
- HEX-A-GONE  
Game: Teach rules and practice.  
Continue Adventures Activity X stressing strategies of placement.
- SHAPE UP  
Game: Teach the “bump rules” and practice game with all rules.
- Continue to practice Kings & Quadruphages.

## **JANUARY**

- STAR TRACK  
Game: Teach rules and practice.
- HEX-A-GONE  
Investigation Exercises: pp. 9-14  
Adventures: (if time permits) pp. 164-174
- Continue to practice Calla, Hex-A-Gone, Kings & Quadruphages, and Shape Up.

## **FEBRUARY**

- Teach tournament rules to all five games.

## **MARCH AND APRIL**

- Continue to practice all 5 games using tournament rules.
- CALLA  
Investigations: Select appropriate pages 20-28.
- SHAPE UP  
Investigations: Select appropriate pages 3-15.
- HEX-A-GONE  
Investigations: Select appropriate pages 3-8.
- STAR TRACK  
Investigations: Select appropriate pages 3-17.
- KINGS & QUADRUPHAGES  
Investigations: Select appropriate pages 3-13.