



### Activity B-4: Homing Pigeons I - Sorting by Color and Sequencing Consecutive Numbers

Special Note: There are four versions of this game; each one in sequence requires more advanced skills.

#### Learning Objectives:

- 1) Sort, classify and order objects by color & number.
- 2) Practice sequencing consecutive numbers.

#### Examples of Skills Accomplished:

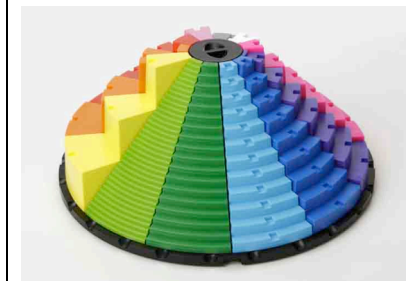
- 1) Put the following numbers in sequence from smallest value to highest value:
  - a. 4, 2, 3, 5, 1
  - b. 9, 10, 1, 3, 4, 6, 5, 8, 7, 2

#### Setup:

- 1) Match the color of each foam cards to the corresponding staircase. Use the forest green tokens with the bright green staircase.
- 2) Select the tokens representing the number of notched steps, only, on each staircase and put them in the treasure trove. For example on the 3x staircase you would select numbers 1- 12 because there are 12 steps on the 2x staircase; on the 12x staircase select numbers 1- 3 because there are 3 steps on the 12x staircase.
- 3) Mix up the tokens in the treasure trove. These are now pigeons.

Maximum Number of Players for Small Group Activities: 4

Players Positions: Standing



Game Objectives: Help all pigeons fly home to roost at the correct elevation. All players work together as a team and get points at nightfall (the end of play) for all pigeons in a correct roost. Remind players they may not rotate Zillio. They have to fly around to the correct side of Zillio.

- 1) Have each learner select a pigeon from the treasure trove and then place it number side up in any nest (notch) on the tree (staircase) that matches the color of the pigeon.

- 2) Continue until the treasure trove is empty and all pigeons are on the correct staircase.
- 3) Allow each player to select a tree (staircase). Tell the players, that not any nest in the tree will do, they must put the pigeon in the correct nest in order of age from the youngest to the oldest, or no telling how long it'll be before all pigeons settle down to sleep.
- 4) Each player should put the pigeons in sequence in the nests on his/her tree (staircase), by putting the lowest number (closest to zero) in the notch on the bottom step and the largest number in the notch on the highest (notched) step.
- 5) When any player has completed sequencing the tokens on a staircase allow them to select another staircase with tokens have not yet been sequenced.

Observe and Assess:

- 1) Ease with which they put numbers in sequence.

Group Discussion:

- 1) N/A

Transition to Paper:

- 1) Assign the reproducible as either class work or homework.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Put the following numbers in sequence from least to most (Use the correct symbol  $<$ ,  $>$  or  $=$ )

**a)** 5, 3, 4, 7, 6  
 $3 < 4 < 5 < 6 < 7$

**b)** 3, 8, 7, 10  
 $3 < 7 < 8 < 10$

**c)** 2, 5, 9, 6  
 $2 < 5 < 6 < 9$

**d)** 10, 1, 7, 5  
 $1 < 5 < 7 < 10$

Put the following numbers in sequence from most to least (Use the correct symbol  $<$ ,  $>$  or  $=$ )

**e)** 5, 9, 12, 0, 2  
 $12 > 9 > 5 > 2 > 0$

**f)** 14, 3, 9, 6, 11  
 $14 > 11 > 9 > 6 > 3$