

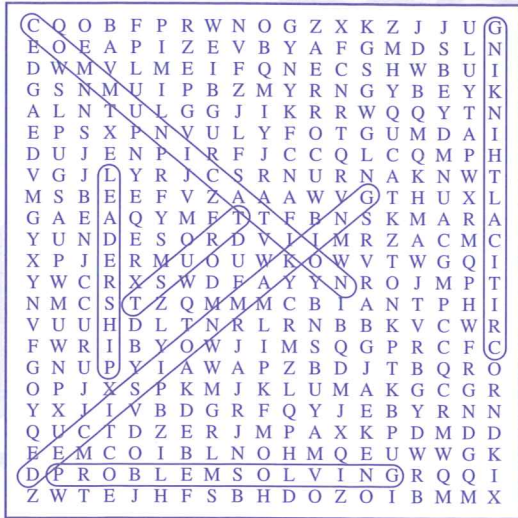
Get in the Act!

Answer Key

Youth Activity Guide

Digging Deeper

Teamwork Word Search Puzzle Solved (page 13)



What Future Path Will You Take?

Answer To Match Game 2005 (page 26)

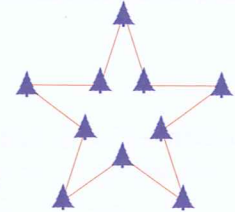
Level of Education & Yearly Salary

- A = 3
- B = 8
- C = 1
- D = 4
- E = 7
- G = 6
- H = 5
- I = 2

Helper's Guide

Who Am I?

Puzzle 1 - Rows of Trees (page 15)



Who Am I? Puzzle 2 - Building Blocks (page 16)

- How many small blocks are there? 27
- How many small blocks are painted on three sides? 8
- How many small blocks are painted on two sides? 12
- How many small blocks are painted on one side? 6
- How many small blocks are completely unpainted? 1

Who Am I? Puzzle 3 - One More Fold (page 16)

The difficulty with this problem that causes many people to give up trying to solve it is likely that an auditory person could talk the folding process through 50 folds to a solution so they would be stumped and frustrated as well. It is physically impossible to actually fold a piece of paper that many times regardless of how big a piece you start with. So a kinesthetic person would be ineffective using their preferred approach of actually folding the paper and counting the layers.

The visual, auditory or kinesthetic person can easily solve this problem, but it can only be solved mathematically.

- The first fold gives you 2 layers . . . $2^1 = 2$
- The second fold gives you 4 layers . . . $2^2 = 4$
- The third fold gives you 8 layers . . . $2^3 = 8$
- The fourth fold gives you 16 layers . . . $2^4 = 16$

So after 50 folds you would have 2^{50} layers of paper or 1,125,899,906,842,620

Incidentally, how tall would that stack of paper be? This is another problem that cannot be solved through a strictly visual, auditory or kinesthetic approach. A sheet of 20 pound bond paper is .0038 inches thick so the stack would be 67,525,562 miles high or almost three fourths of the way from Earth to the Sun.

No Man Is an Island

Test Your Teamwork Knowledge (Sequel, page 23)

A, C, D & F are true; B & E are false. Correct statements: #2 Credit goes to the entire group rather than individuals, # 5 What is good for the group is more important than what is good for the individual.