

**City of Knoxville
Parks and Recreation Department
August 24, 2009**

AGENDA

- I. Introductions and overview of mission statement and goals
- II. Ice breaker activity
- III. Break
- IV. Model exercise
- V. Break
- VI. Discussion about first exercise
- VII. Lunch and presentation
- VIII. Warm up activity
- IX. Partnerships discussion
- X. Break
- XI. Partnerships discussion continued
- XII. Wrap up

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Ice breaker activity

On the post it note provided, **STICKY SIDE UP**, write down one thing that no one else knows about you and that you are willing to share with everyone.

This can be something about your childhood, a family member, a family nickname, a favorite quote, etc.

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Model Exercise

The facilitator will break you down into small groups.

Each group has the task of building a three dimensional model

One person will be the “Model Watcher”

One person will be the “Model Constructor”

The remaining team members will be “Runners”

Your team has fifteen minutes to complete this task.

The only person allowed to see the model is the “model watcher.”

The “model watcher” describes to the “runners” (one at a time) how to put the pieces together to exactly duplicate the model.

That runner goes to the “model constructor” and tells him or her what the “model watcher” said to do.

The “model constructor” has all the necessary pieces and follows the instructions from each of the runners and to build the model.

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Warm Up Activity

1. What sentence is concealed below?
IOEAESMGVL
2. My last three letters are hard & cold. Remove my first two letters, & you have a word meaning 'minutely accurate.' I am a city. What am I?
3. Determine what this sentence says, given only the initial letters of some of the words: A W that E W.
4. Which one of the statements that follow is definitely true?
A. I have fired 100 missiles at your country.
B. Half of the people will be killed by explosions.
C. There is a 100% chance that you will die.
D. Most of the buildings will be destroyed.
E. My missiles use biological agents.
F. I'm a lover, not a fighter.
5. What famous theatric quotation does this series of letters conceal?
OERTOETSEN
6. In a perfectly circular arena, I walk from the edge directly to the center. I then turn directly to my left, & walk in a straight line to the edge of the arena. I then turn to the right & follow along the edge for a total of 500 meters until I arrive at the point that I started from. What is the circumference of the inner edge of the arena?

7 – 10. Each of the following four problems consists of three words or names that have some indirect relationship to one another. The words are followed by a listing of the number of words and letters in the answer to the puzzle.

Example: Eve Doctor Juice (1 word, 5 letters)

The answer is APPLE. Eve purportedly ate an apple in the Garden of Eden, there is a well known saying that "an apple a day keeps the doctor away," & juice refers to apple juice.

7. Tiger Cut Sword (1 word, 5 letters)
8. Snake Cleese Nude (2 words, 5 & 6 letters)
9. Nine Hammer Music (3 words, 4, 4, & 5 letters)

10. Burger Milk Smile (1 word, 6 letters)
11. William went Christmas shopping. He spent half of his money on his sister's Christmas present, and a third of his money on his brother's Christmas present. After that, he spent two-thirds of the remaining money on his mother's Christmas present, and then he had twenty dollars left, which he gave to his father.

How much money did William start out with? Please explain your answer!
12. Besides the fact that they are colors, what unusual trait do ORANGE and PURPLE share?
13. What three rhyming words are associated with the following words:
WHITE
MONEY
STUDENT
14. What am I?
Part of me is a mode of transportation.
Part of me is a big mistake.
All of me is a firearm.
15. At Thanksgiving the Wellers family gets together and has a strange meal which includes: cranberries, carrots, stuffing, lettuce, peppers, cheese, meatballs, pizza, and apple juice. List two more items which could be on the menu, and explain why!
16. Can you figure out the next number in this sequence?
1, 11, 21, 1211, 111221, ???
17. What number comes next in the following sequence of numbers?
23, 57, 1113, 1719, 2329...
18. Start with the word HEAD, and change it one letter at a time to obtain TOES in four steps.
19. How can you get from HAIR to BALD, in four steps, changing just one letter at a time?
20. In the strange land of sixteen fingered people, they have developed a numeral system quite different from our own. In their land, many of their numbers look like our letters:
I = 1
L = 3
I = 4
U = 7
C = 11
n = 13

Given that information, can you deduce what number is represented by our letter O? You must explain your answer!

ANSWERS

1. Take the first letter on the far left, then the farthest letter on the right, the next furthest letter on the far left, the next furthest letter on the right, and so on, and you'll get I LOVE GAMES.
2. Venice.
3. All's Well that Ends Well.
4. C. There is a 100% chance that we will all die eventually. This was a trick question, so don't get upset if you missed it!
5. To be, or not to be: that is the question. The letters given in the sequence are the last letters in each of these words.
6. $666 \frac{2}{3}$ meters. Draw a diagram of the route I took, and then think of it in terms of a pie chart. I walked exactly $\frac{3}{4}$ of the way around the arena, so simply multiply the 500 meters I walked by $\frac{4}{3}$ to get the answer.
7. Saber. Saber-toothed tiger, saber and cut are synonyms, and a saber is a type of sword.
8. Monty Python. A python is a type of snake, Cleese was in Monty Python, & The Full Monty indicates nudity, with Monty being in this term/title and in the answer.
9. Nine Inch Nails. Nine is in Nine Inch Nails, a hammer is used on nails, & Nine Inch Nails is a music group.
10. Cheese. Cheese burger, cheese is made from milk, & some photographers tell you to say "cheese" when they take your picture.
11. At the end, William had twenty dollars, which means he spent forty dollars on his mother (because 40 is $\frac{2}{3}$ of 60, and 20 is $\frac{1}{3}$ of 60).

William spent $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$ of his money on his brother and sister, so $\frac{1}{6}$ of his money must have been \$60. Thus, he began with **\$360**.
12. There are no words in the English language that rhyme perfectly with ORANGE, and there are also no words in the English language that rhyme perfectly with PURPLE!
13. The three words are: **COLLAR, DOLLAR, and SCHOLAR**

WHITE COLLAR vs BLUE COLLAR
a DOLLAR is MONEY
and a STUDENT is a SCHOLAR
14. Part of me is a BUS, and part of me is a BLUNDER. Altogether, I am a BLUNDERBUSS, which is a kind of firearm.

15. The Wellers family only eats foods which have double-letters in the names. Thus, additional food items could be things like noodles, spaghetti, dill pickles, etc.

16. The second number is 11 because the first number consists of 1 one.

The third number is 21 because the second number consists of 2 ones.

The fourth number is 1211 because the third number consists of 1 two and 1 one.

Continuing on like this, the fifth number consists of 3 ones, 2 twos, and 1 one, so the sixth number is: 312211

17. The answer is **3137**

Why? Because each of the numbers is formed by combining two prime numbers in sequence.

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37...

18. HEAD
HEED
HOED
HOES
TOES

19. HAIR
HAIL
HALL
BALL
BALD

20. The answer is: **15**

The trick is that each of their digits is formed by combinations of side strokes (left and right), top strokes, and bottom strokes.

Since a left stroke is worth 1, and right stroke (the second l) is worth 4, we can conclude that a bottom stroke is worth 2 ($L = 1 + 2$), and a top stroke is worth 8 ($C = 1 + 2 + 8$).

Thus, the letter **O**, which has all four strokes, is worth $1 + 2 + 4 + 8 = 15!$