

# Good Morning PQR!

October 13, 2009

## Today's Agenda

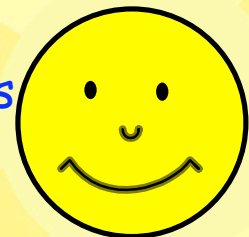
1. Housekeeping

2. Quiz #2

3. Creating Objective Style Questions

4. Creating an Objective Style Test

5. Closure and Exit Slips



## Multiple Choice Questions

Well designed multiple choice questions:

1. Use a complete statement as a stem.
2. Have a positively phrased stem.
3. Have only one response that is absolutely correct.
4. Have responses that are parallel in grammatical structure and of approximately the same length.
5. Have plausible distractors that are incorrect.
6. Have responses based on non-trivial or non-incidental details.
7. Do not contain information that answers another question.

### Multiple Choice Question Example

Poorly designed:

Louis Riel was:

- a) a leader of the Métis people.
- b) a leader in the Red River Rebellion.
- c) a historical figure who is now considered by many to be one of the Fathers of Confederation.
- d) born in 1962.

Design Flaws:

**Amended question:**

For which of the following is Louis Riel famous?

- a) He was an explorer who mapped Manitoba.
- b) He was a leader in the Red River Rebellion.
- c) He was a founder of the City of Winnipeg.
- d) He was a priest who ministered to the Métis.

## Completion Questions

(A type of short-response question aka fill in the blank)

Well designed completion questions:

1. Are carefully worded so that students understand the nature of the question asked and the answer required.
2. Are worded so that the missing information is at, or near, the end of the sentence.
3. Do not use too many blanks in one sentence.
4. Have clear instructions as to the type of response required in a blank; one word, several words, phrase or clause.

### Completion Question Example

#### Poorly Designed

Field Marshal Bernard Montgomery defeated General Erwin Rommel in \_\_\_\_\_.

Design Flaw:

Improved questions:

In 1942, Field Marshal Bernard Montgomery defeated General Erwin Rommel at the Battle of \_\_\_\_\_.

OR

Field Marshal Bernard Montgomery defeated General Erwin Rommel at the Battle of El Alamein which was fought in the year\_\_\_\_\_.

## Completion Question Example

### Poorly designed

The \_\_\_\_\_ is the highest award for the winning team in the \_\_\_\_\_ Hockey League and is the result of a team winning \_\_\_\_\_ playoff games.

### Design Flaw:

### Improved Question:

The premier professional ice hockey league in North America is the \_\_\_\_\_. The team that wins the final round of the playoffs is awarded the \_\_\_\_\_. To win the final round of playoffs, a team must be the first to get a total of \_\_\_\_\_ wins.

### Group Task #1

Read the story "Why the Cheetah's Cheeks Are Stained."

As a group, create one well-designed multiple choice question and one well-designed completion question based on the story. You will be adding to the list of questions your group has created in the next Group Task.



## True/False Questions

Well-designed T/F questions:

1. Avoid over-generalizing.
2. Avoid trick questions.
3. Are entirely true or entirely false.
4. Avoid absolute terms like "never", "none", "always".
5. Are concise, simply constructed and avoid the use of unnecessarily difficult words.
6. Contain only one idea.

T/F Question Examples  
(all poorly designed!)

T F In the play Romeo and Juliet, Romeo commits suicide because he thinks Juliet is dead and Juliet poisons herself when she sees that Romeo is dead.

T F As a member of the RAF, Billy Bishop was awarded the Victoria Cross in June, 1917.

T F Bats use a form of sonar to hunt because they are nocturnal.

T F A good writer endeavours to compose prose in such a way as to eschew convoluted sentences so that a reader might become aware of the semantic meaning in as expedient a manner as possible.

## Matching Questions

Well-designed matching questions:

1. Provide clear instructions on how to indicate the correct answers.
2. Indicate whether the same response may be used more than once.
3. Provide an unequal number of premises and responses.
4. Avoid using lines or arrows to connect the premise to the response.
5. Have homogeneous lists.
6. Are grammatically consistent within a column.

### Well-Designed Matching Question Example

Directions: 1. On the line to the left of each phrase in Column 1, write the letter for the word in Column 2 that best matches the phrase.

2. Each word in Column 2 may be used once, more than once, or not at all.

#### Column 1

#### Column 2

- |   |                |
|---|----------------|
| ____1. Name for an action word<br>in a sentence.                            | A. Conjunction |
| ____2. Name for a word describing<br>a place or thing.                      | B. Participle  |
| ____3. Name for words such as<br>you, he or she.                            | C. Adjective   |
| ____4. Name for a word that<br>describes an action word in<br>the sentence. | D. Adverb      |
|   | E. Pronoun     |
|   | F. Noun        |
|   | G. Verb        |
|   | H. Gerund      |

## Group Task #2

As a group, create one well-designed True/False question and one well-designed Matching question based on the story. Add to these questions to the questions your group created in Group Task #1.