

# Randolph Field

## Research and Problem-Solving Process

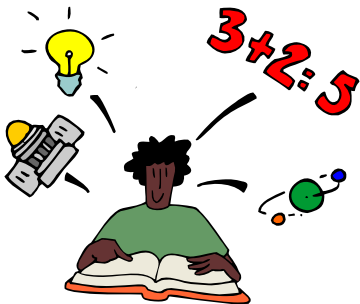
### 1. Task Definition



- What is my relevant or inquiry question?
- What do I want to know?
- What am I suppose to do?

### 2. Plan Course of Action

- Where can I find information?
- What are the best sources?



### 3. Gather Information

- Access the Information
  - Books, magazines, encyclopedia
  - Online sources
  - Interviews

### 4. Interpret and Organize Information

- Process the information gathered
  - Judge the validity of the source
  - Take notes
  - Put information into your own words
  - Cite the source
  - Discover the answer to your question
- Organize the information
  - Decide how to put your information together
  - Construct your product: essay, poster, lab report, oral report, brochure...



### 5. Communicate

- Present the product of your research



### 6. Self Evaluate and Reflect

- Judge your work (process)
- Judge your product (effectiveness)
  - Did I answer my question?
  - What could I do better next time?
  - What went well?

