NTeQ: Specify the objectives
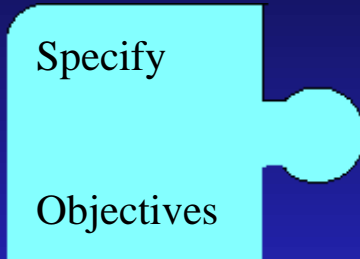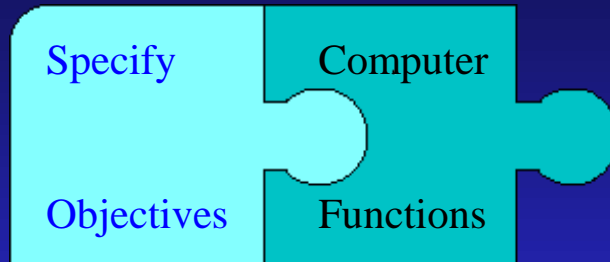
Specify

Objectives

- Specify *all* your lesson objectives
- Includes both computer related and noncomputer objectives

NTeQ: Computer functions

Specify | Computer

Objectives | Functions

- Match your objectives to computer functions
  - Computer functions that support your objectives
  - For example,

NTeQ: Computer functions

- Objective: Analyze
  - Use a spreadsheet to determine the…
  - Use a database to find the…
  - Create a chart to show…

	Dia.	$	$/sq in		
Joe's Pizza	12	9			
Big Caesar	14	13			
Square Pan Pizza	15	11			

NTeQ: Computer functions

- Objective: Write, Edit
  - Use a word processor to create
  - Edit your partner's paper
  - Use a spellchecker to…
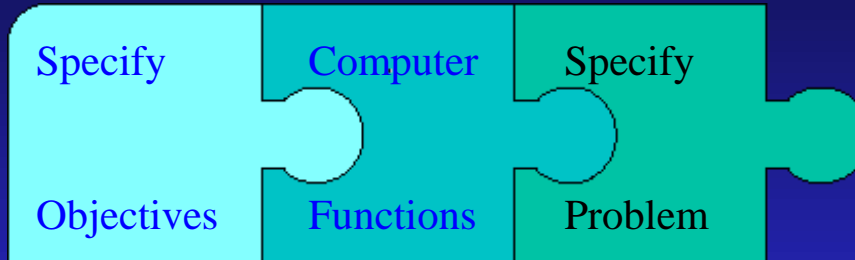
NTeQ: Computer functions

- Objective: Design, Plan
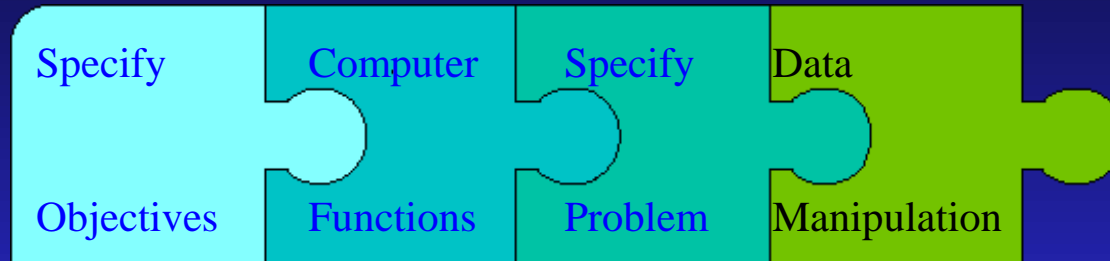 - Create a drawing showing
  - Design a safe playground
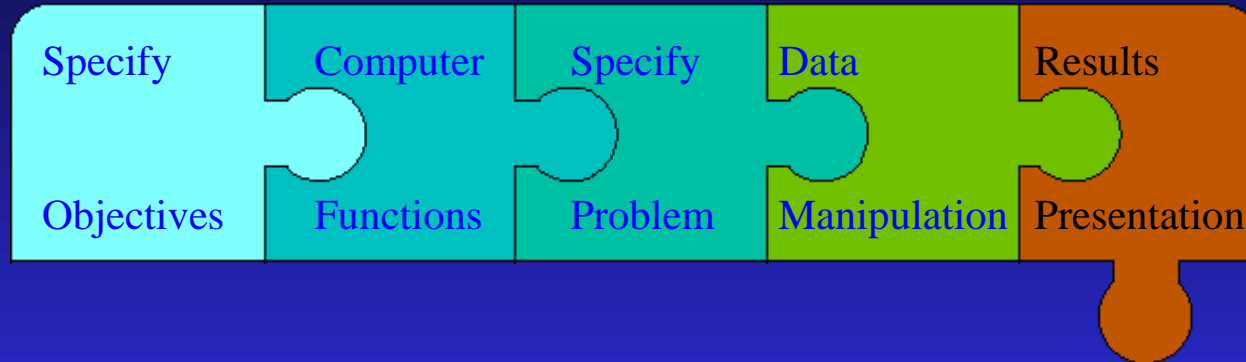 - Make a map of your   neighborhood

NTeQ: Specify Problem

Specify	Computer	Specify
Objectives	Functions	Problem

- Realistic
- Real-world events
- From the students' world
  Let them suggest the problem

NTeQ: Data Manipulation

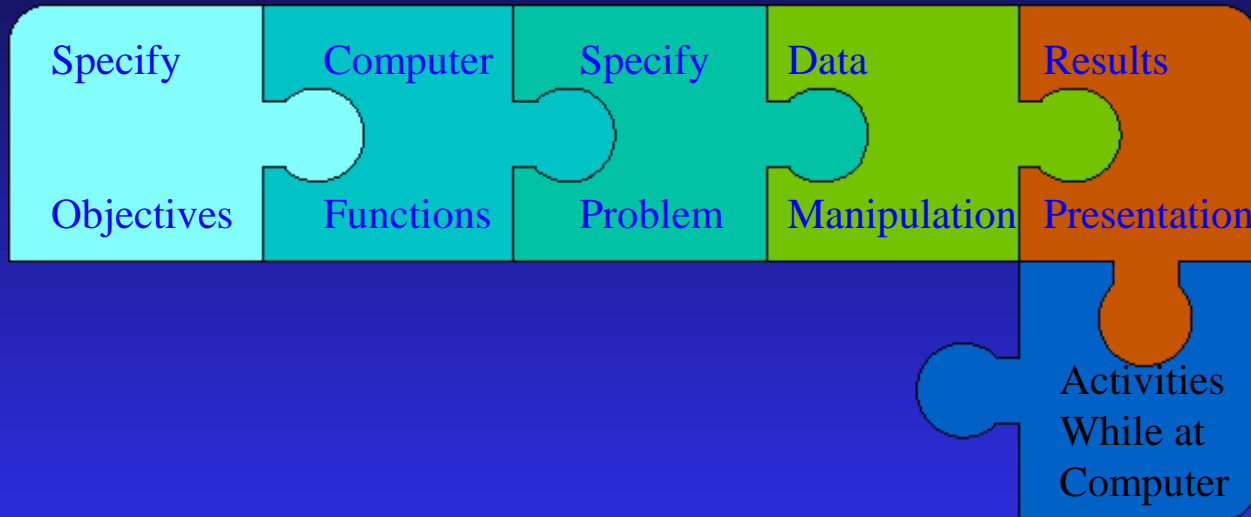| Specify Objectives	Computer Functions	Specify Problem	Data Manipulation

- How will students manipulate the data?
- Job aids
- Think Sheets
    Questions and ideas for the student

NTeQ: Results Presentation

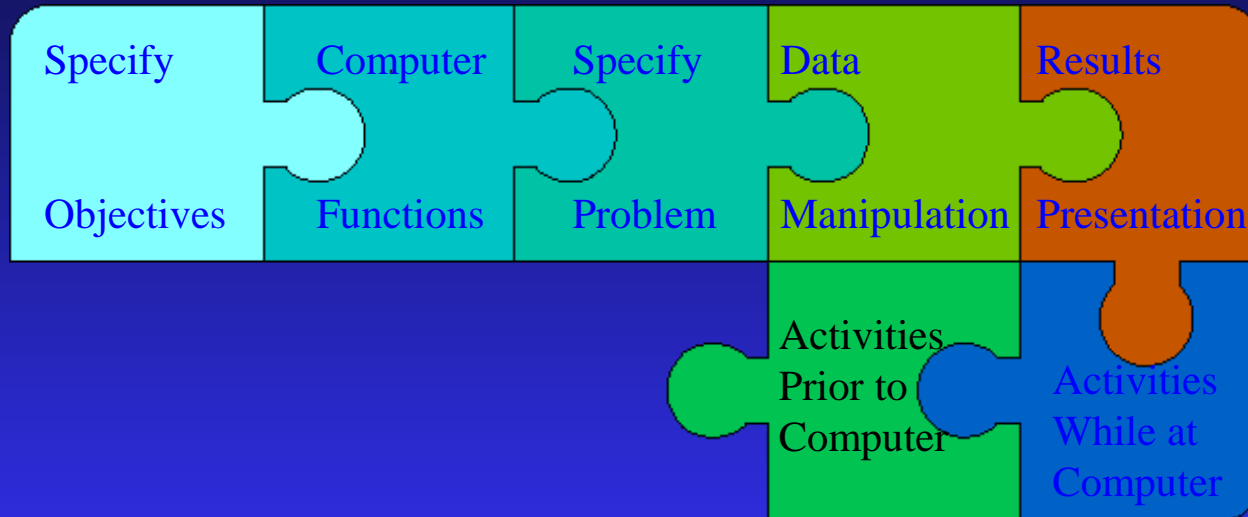| Specify	Computer	Specify	Data	Results
Objectives	Functions	Problem	Manipulation	Presentation

- How will students present the results?
  - Printed/oral reports/Magazine/newsletter
  - TV broadcast/Web page/School conference
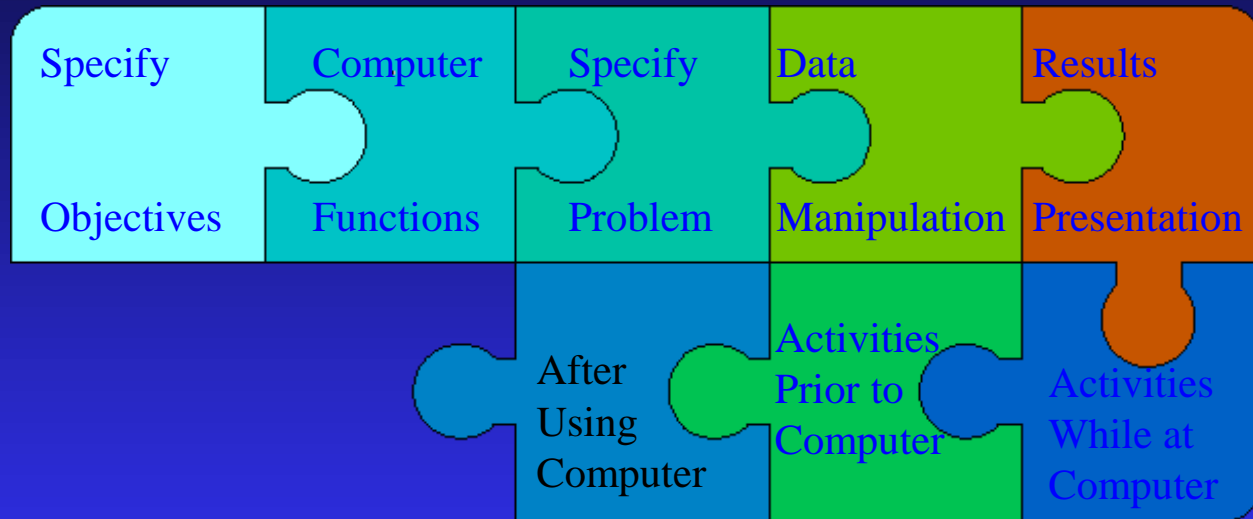
NTeQ: At the computer

- **What will students do *at* the computer?**
  - Entering data
  - Manipulating data
  - Creating a report

NTeQ: Prior to the computer

Specify	Computer	Specify	Data	Results
Objectives	Functions	Problem	Manipulation	Presentation

Activities Prior to Computer

Activities While at Computer
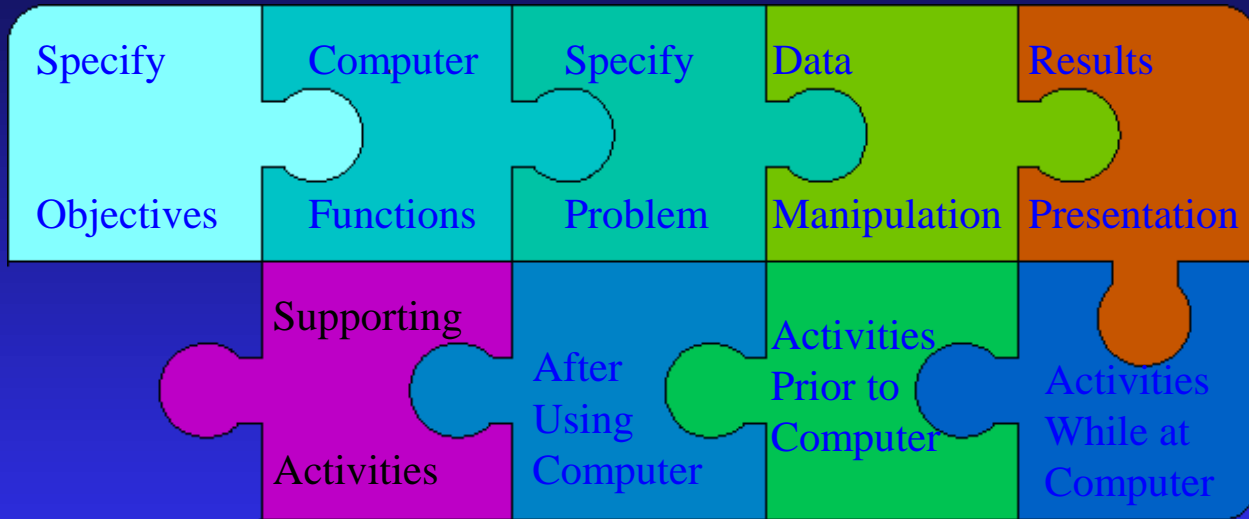
- **What will students do *before* using the computer?**
  Key words for searching
  Collecting data

NTeQ: After the computer

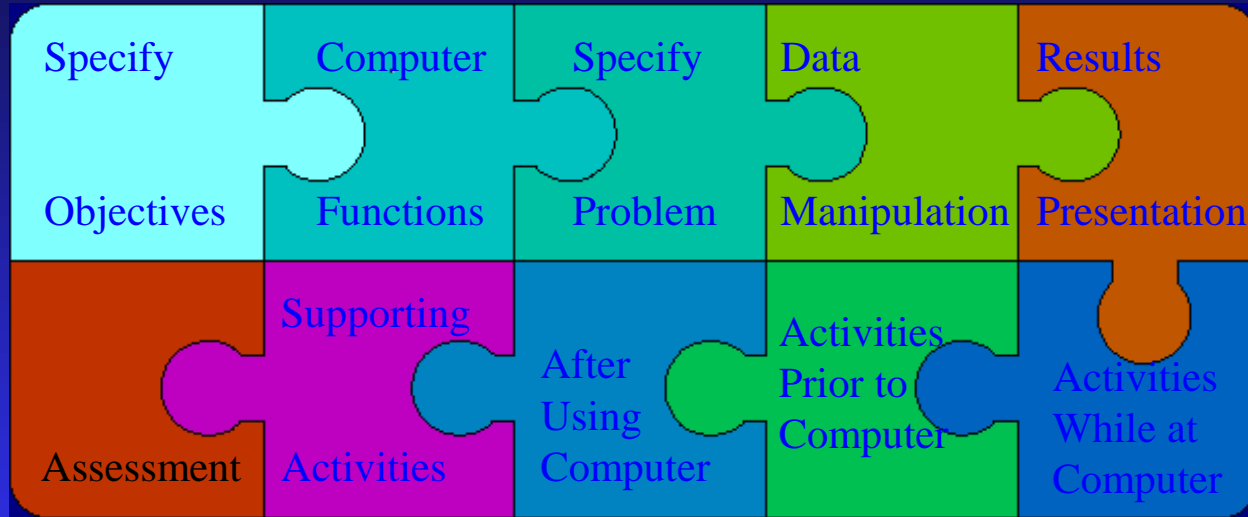| Specify Objectives | Computer Functions | Specify Problem | Data Manipulation | Results Presentation |
| | | After Using Computer | Activities Prior to Computer | Activities While at Computer |

- What will students do *after* using the computer?
- Purpose is to use the information generated from the computer activity

NTeQ: Supporting Activities

- Additional activities that support the objectives
- Anytime during the lesson
  Meaningful and related/Reading
  Problem solving/Discussion/Manipulatives

NTeQ: Assessment

Specify Objectives	Computer Functions	Specify Problem	Data Manipulation	Results Presentation
Assessment	Supporting Activities	After Using Computer	Activities Prior to Computer	Activities While at Computer

May require more than a test

- Computer generated projects/Printed reports
- Slide shows/Multimedia reports
- Electronic portfolios