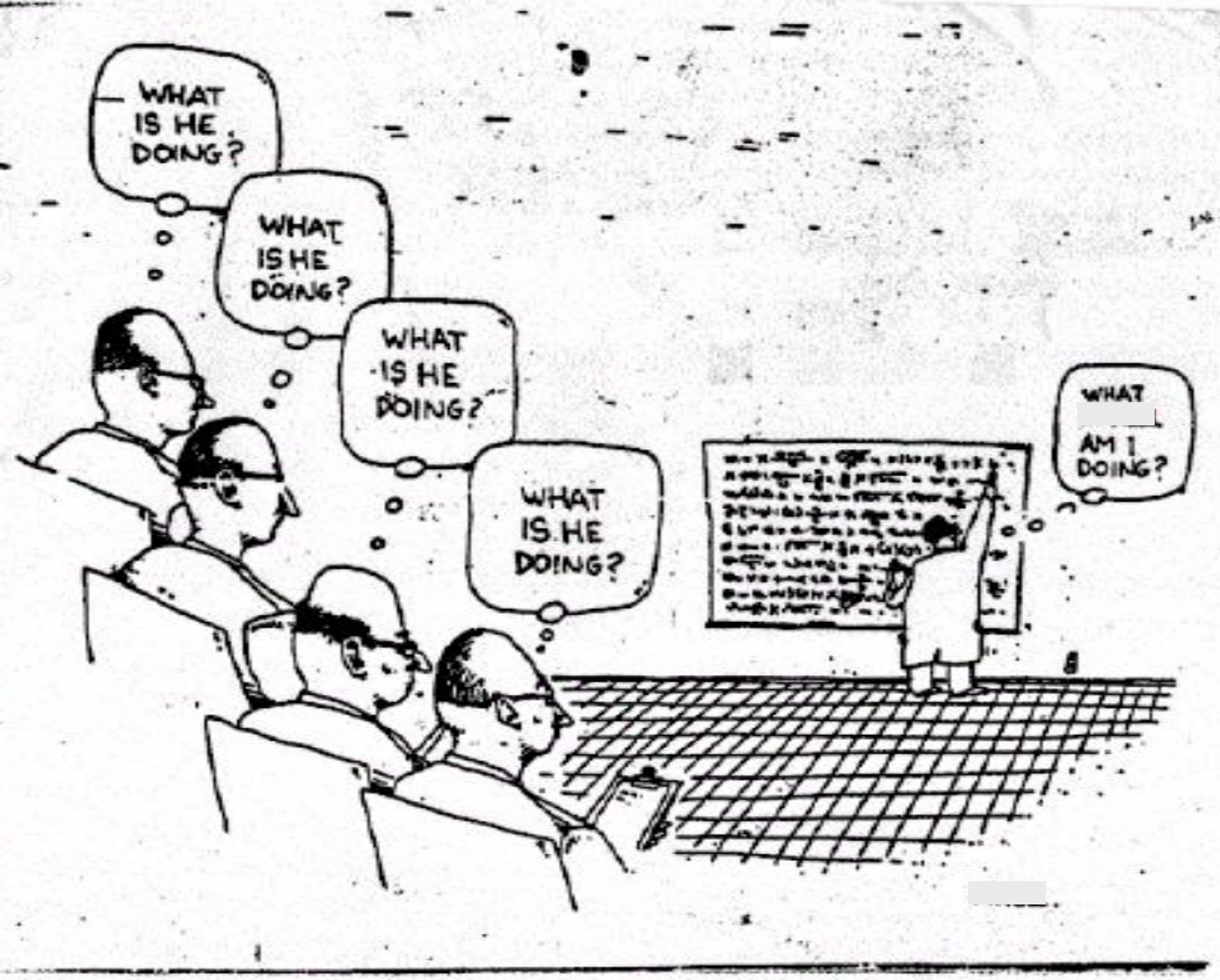
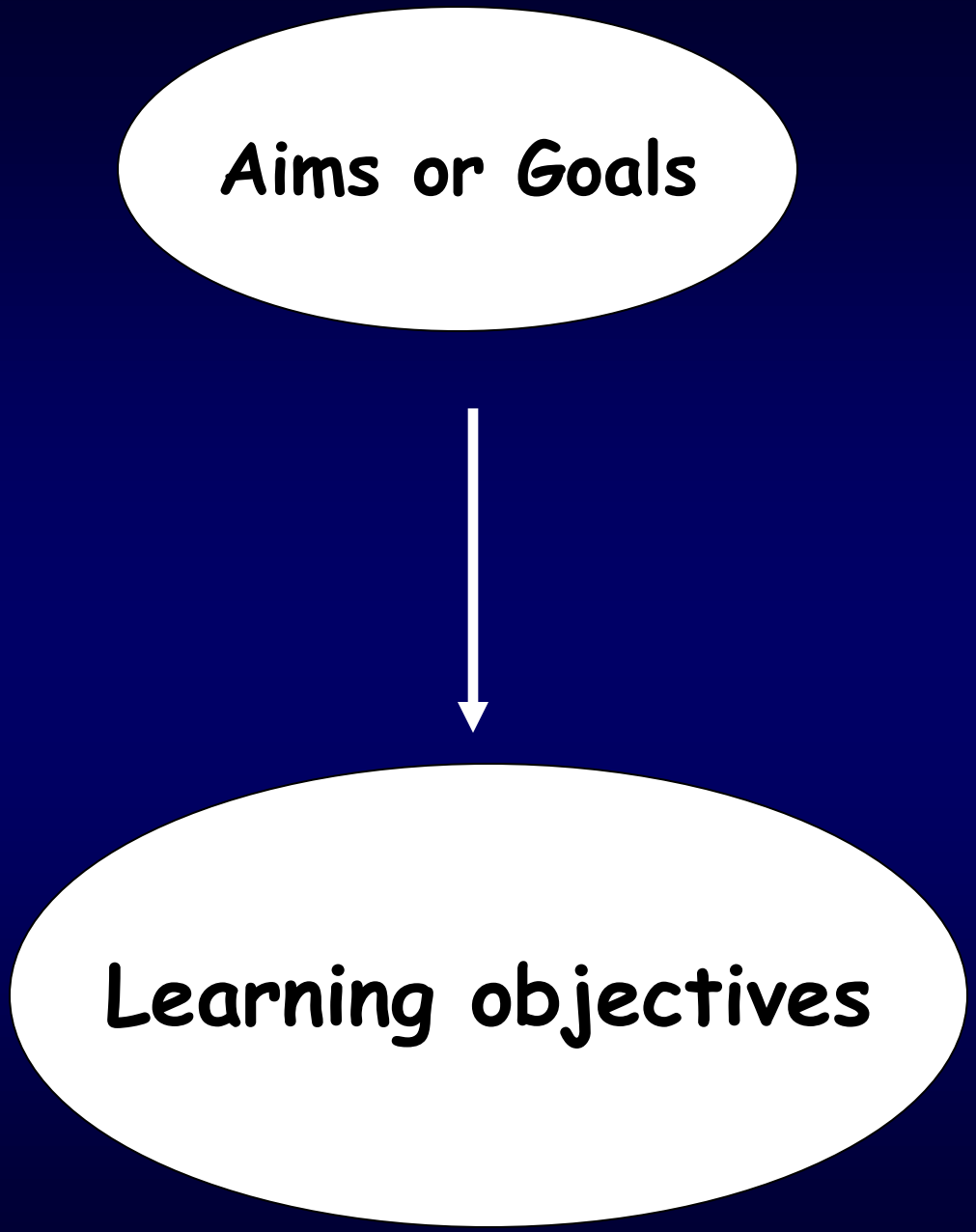

WHAT IS HE DOING?
WHAT IS HE DOING?
WHAT IS HE DOING?
WHAT IS HE DOING?
WHAT AM I DOING?

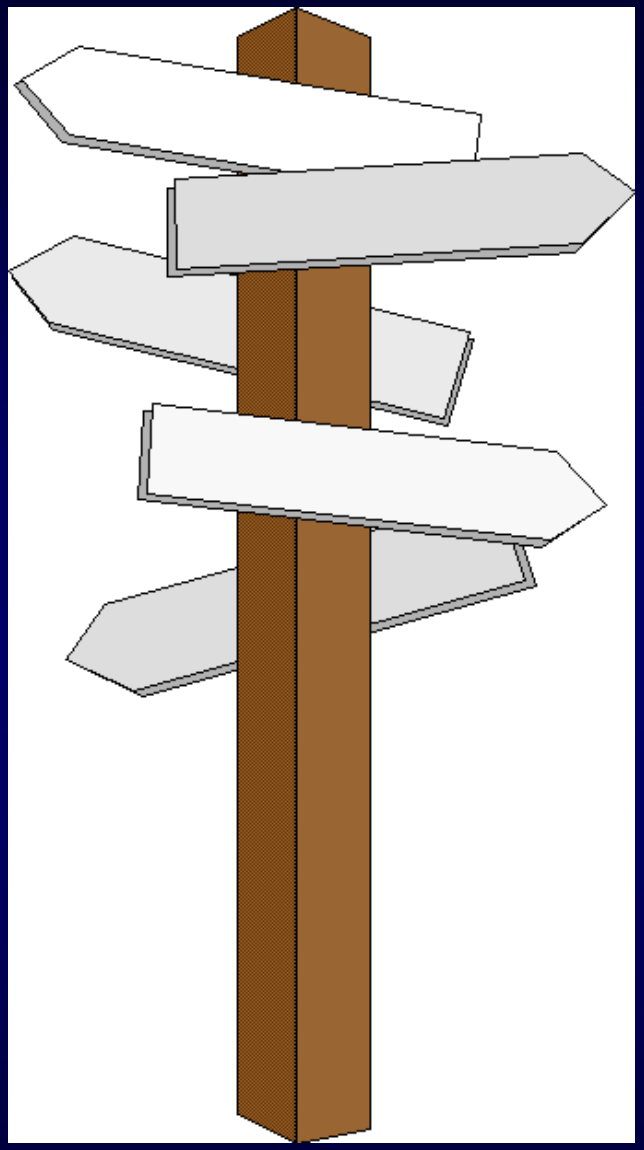
Lecture objectives unclear


Aims or Goals
Learning objectives

OBJECTIVES

- Clear statements of what students should be able to do

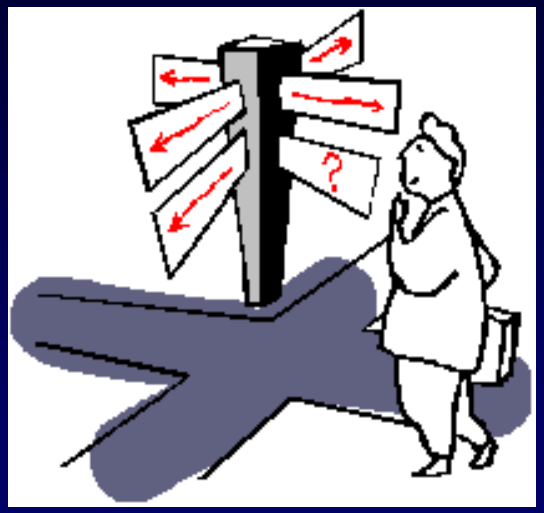
Expectations made EXPLICIT !



If you are not certain of

where you are

going……



You may very well end up somewhere else

(and not even know it)

Objectives

- By the end of the learning activity, the participants should be able to
  - Describe the characteristics of the objectives
  - Classify the objectives
  - Explain the use of the objectives
  - Construct one objective in each participants' speciality

The student should

- Know about epinephrine
- List two actions of epinephrine on the heart

EXPLICIT

- The student should enumerate four pharmacological actions of epinephrine
- The teacher should list four pharmacological actions of epinephrine

STATE LEARNER ACTIVITY

(Not teacher activity)

- Enumerate pharmacological actions of epinephrine on heart
- Name the components of an internal combustion engine

RELEVANT

- Students should be able to perform PCR and interpret the results
- Students should be able to build the prototype of a Formula 1 car

FEASIBLE

Quality of Objectives

- Explicit
- State learner activity
- Relevant
- Feasible
- Measurable

- Specific
- Measurable
- Achievable
- Relevant
- Time bound

TAXONOMY OF LEARNING OBJECTIVES

Functional classification

(Bloom's Taxonomy)

KNOWLEDGE

SKILLS

ATTITUDE

- KNOWLEDGE = COGNITIVE
- SKILLS = PSYCHOMOTOR
- ATTITUDE = AFFECTIVE

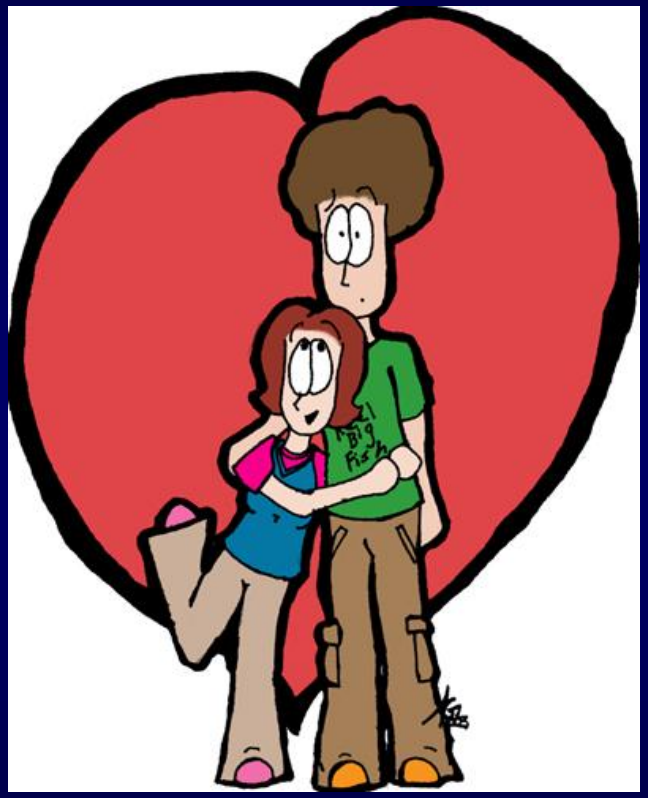
COGNITIVE

INTELLECTUAL SKILLS

PSYCHOMOTOR

PRACTICAL SKILLS

AFFECTIVE



EMOTIONAL SKILLS

Cognitive

Recall

The learner is able to

remember and restate learned information.

List
Name
Enumerate

Recall

- Name three bacteria associated with gas gangrene
- List the components of an internal combustion engine
- Recite a poem

Comprehension

The learner grasps the meaning of information by understanding and translating what has been learned.

Classify
Compare
Explain
Exemplify

Comprehension: examples

- Classify anemia based on cell types
- Compare the working principles of petrol and diesel engine
- Use a collection of pictures to demonstrate steps in phagocytosis

Application

The learner makes use of information in a context different from the one in which it was learned

Solve
Compute
Construct

Application

- Solve a basic mathematical problem
- Compute the value of variables using scientific formulas
- Develop a treatment plan

Application

- Invent a machine to do a specific task

Creating
Evaluating
Analysing

Application

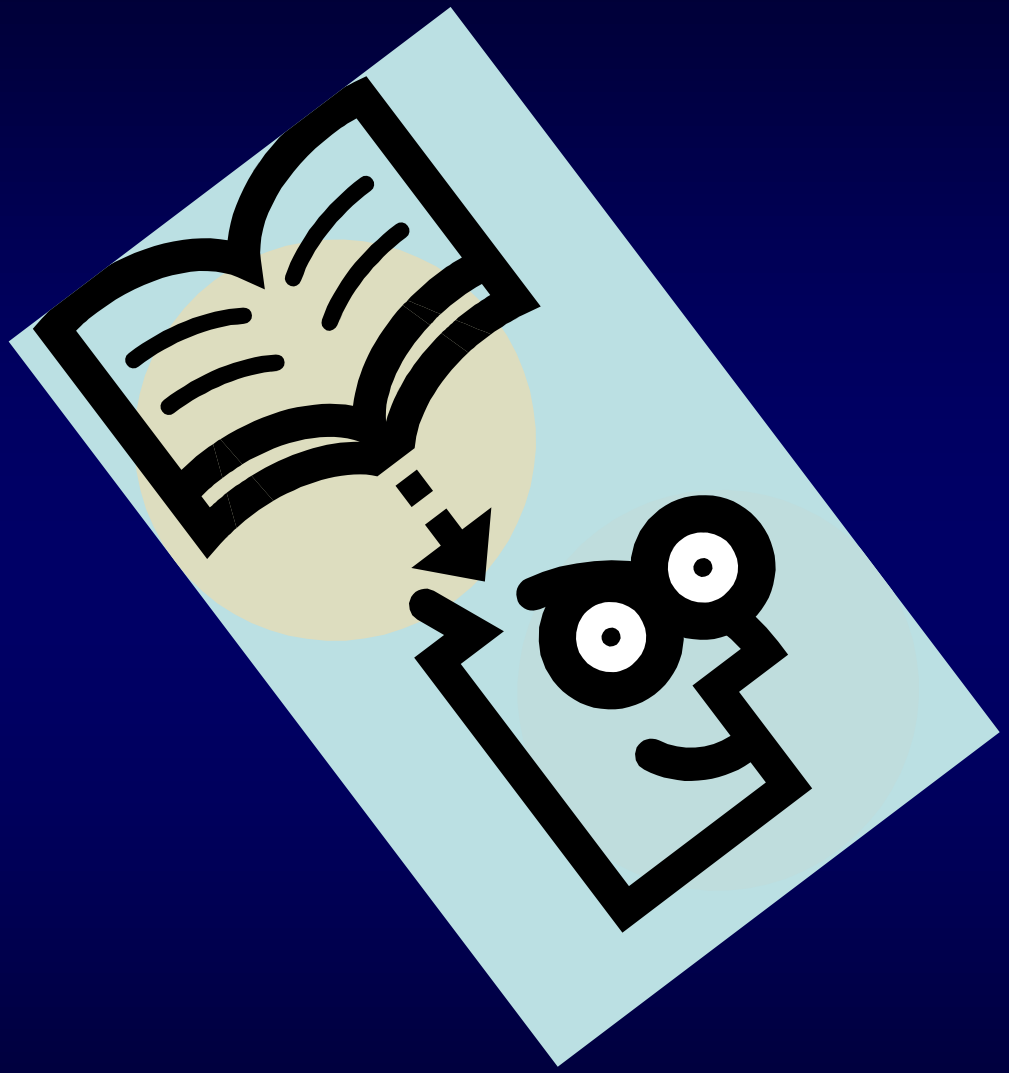
Using information in another familiar situation

Comprehension

Understanding ideas or concepts

Recall

Remembering information



Psychomotor

Imitation

- Early stages
- Practice

Effective Control

- Intermediate stage
- Coordinated performance
- Accuracy
- Practice

Automatism

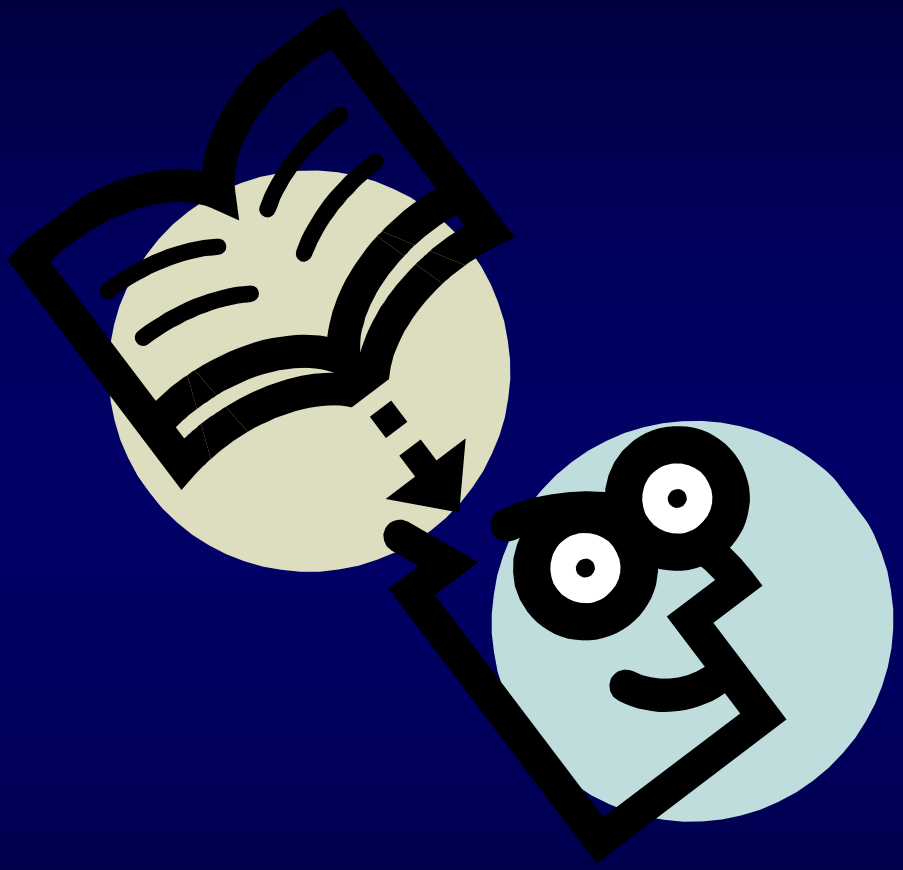
- Modify
- Create

Psychomotor

Automatism

Effective control

Imitation



Affective

Receptivity

Response

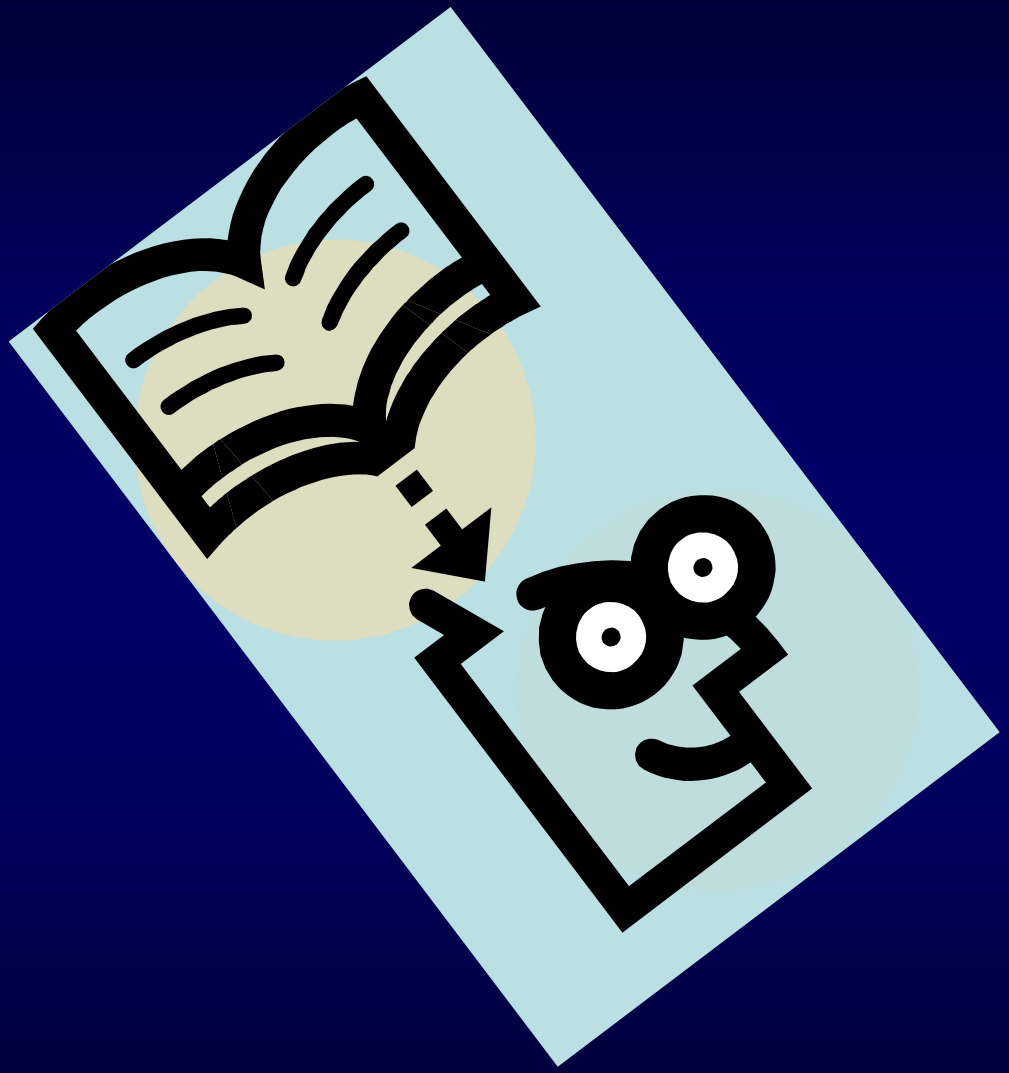
Internalisation

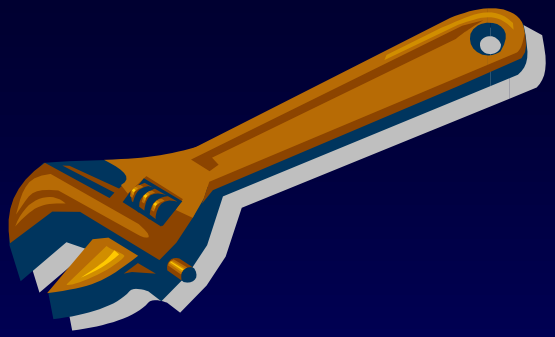
Affective

Internalisation

Response

Receptivity





- Curriculum planning
- Instructional delivery
- Assessment

Now it's your turn…

Construct one objective in

your speciality

Indicate

The domain

Level to which it belongs

Quality of objectives

- Explicit
- State learner activity
- Relevant
- Feasible
- Measurable

"Teaching is leading students into a situation in which they can only escape by thinking"

Thank you