

Method of teaching

Teaching and Learning Process



Outline

- *1-Introduction.*
- *2- Definitions of items related to teaching learning process.*
- *3-Seven Principles of Effective Teaching& learning process.*
- *4-Principles of learning.*
- *5-Aspects of the teaching-learning process.*
- *6-Teaching -learning system.*
- *7-Model of teaching- learning system.*
- *8- Educational spiral.*
- *9- -comparisons between learning teaching process and nursing process*
- *10- Summary*

Objectives

- 1 –Define teaching, learning and teaching learning process.**
- 2–Identify seven principles of effective education.**
- 3– List principles of learning.**
- 4– Identify teaching learning aspects.**
- 5– Recognize teaching learning system.**
- 6 –Discuss educational spiral.**
- 7– Compare between learning teaching process and nursing process**



Introduction

The old ways of learning & teaching is •
found to be too rigid & too out-dated. But,
now Teaching learning process consists of
four basic elements

- (a) Assessment.
- (b) Planning.
- (c) Implementation.
- (d) evaluation.

It is a method for monitoring and judging
the overall quality of learning or teaching
based on objective, data and scientific
criteria.



Definitions related to teaching learning process

Teaching
learning
process

Learning

Teaching

Domains

curriculum



Teaching



It is deliberate intervention that involves the planning and implementation of instructional activities and experiences to meet intended learner outcomes according to a teaching plan

Learning



It can be defined as the relatively permanent change in an individual's behavior (knowledge, skill and attitude) that can occur at any time or place as a result of consciously

**Teaching
learning
process**



It is the most powerful instrument of education to bring about desired changes in the students.

curriculum



Refers to a course of study at school, university and the subjects making up a course.

Domains



It is an area of control or sphere of knowledge

SEVEN PRINCIPLES OF EFFECTIVE TEACHING LEARNING PROCESS

- 1–Encourages Student–Faculty Contact
- 2–Encourages Cooperation among Students
- 3–Encourages Active Learning
- 4–Prompt Feedback
- 5–Emphasizes Time on Task
- 6–Communicates High Expectations
- 7– Respects Diverse Talents and Ways of Learning



PRINCIPLES OF LEARNING

- 1–Focusing.
- 2–Organization.
- 3–Repetition.
- 4–Association.
- 5–Learner control.
- 6–Imitation.
- 7–Active participation.
- 8–Motivation.
- 9–Individual styles
- 10–spacing.



ASPECTS OF THE TEACHING-LEARNING PROCESS

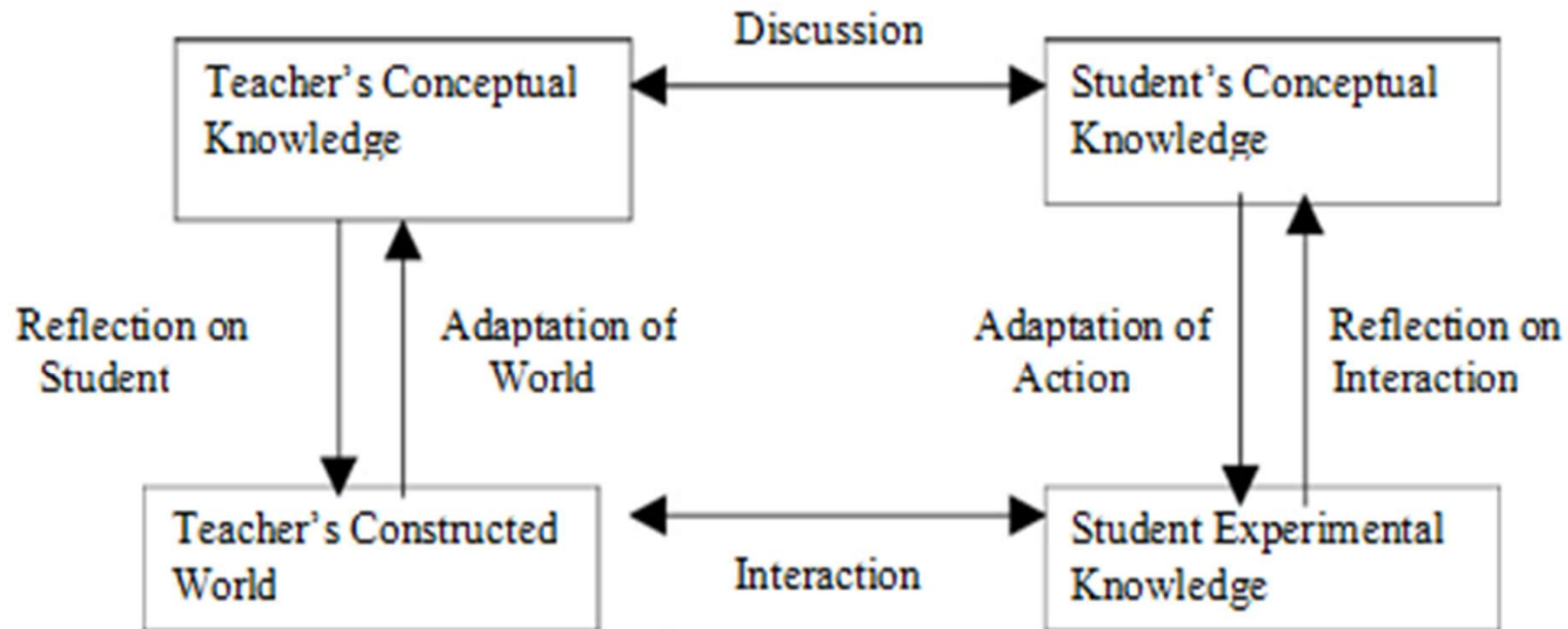


Figure : Essential aspects of the ideal teaching-learning process

TEACHING PROCESS
Approaches, Attitudes,
Behaviour, Materials, Modes of
Learning

***IT
CONSISTS
OF FOUR
PHASES***

Discussion

- between the teacher and learner

Interaction

- between the learner and some aspect of the world defined by the teacher

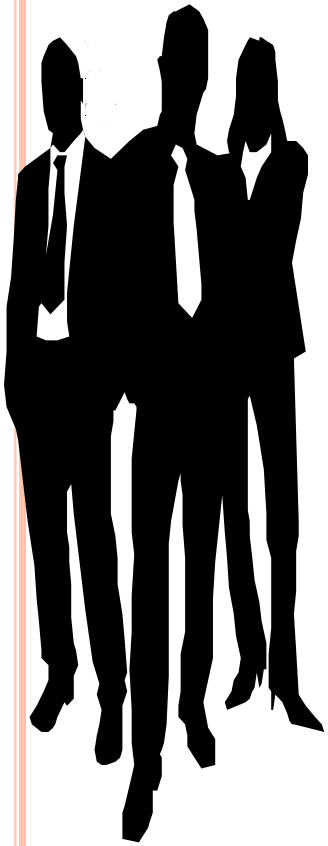
Adaptation

- of the world by the teacher and action by the learner

Reflection:

on the learner's performance by both teacher and learner.





Teaching learning system

•System is a purposeful,
complex and composed
of interdependent
interacting parts

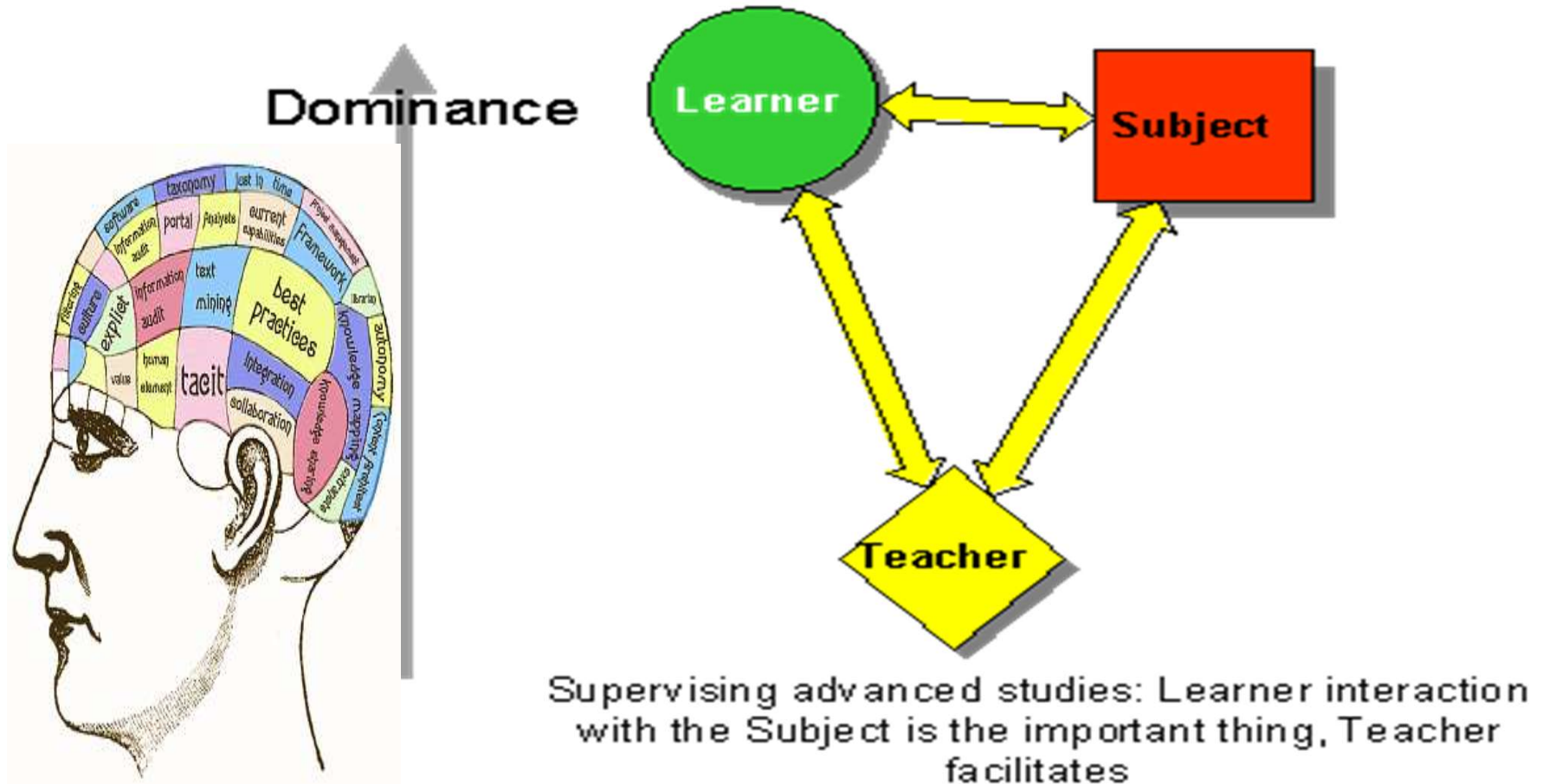
1- The parts come together to
form a whole.

2- The parts are dependent on
each other.

3- The parts are interacting.



Model of teaching learning system

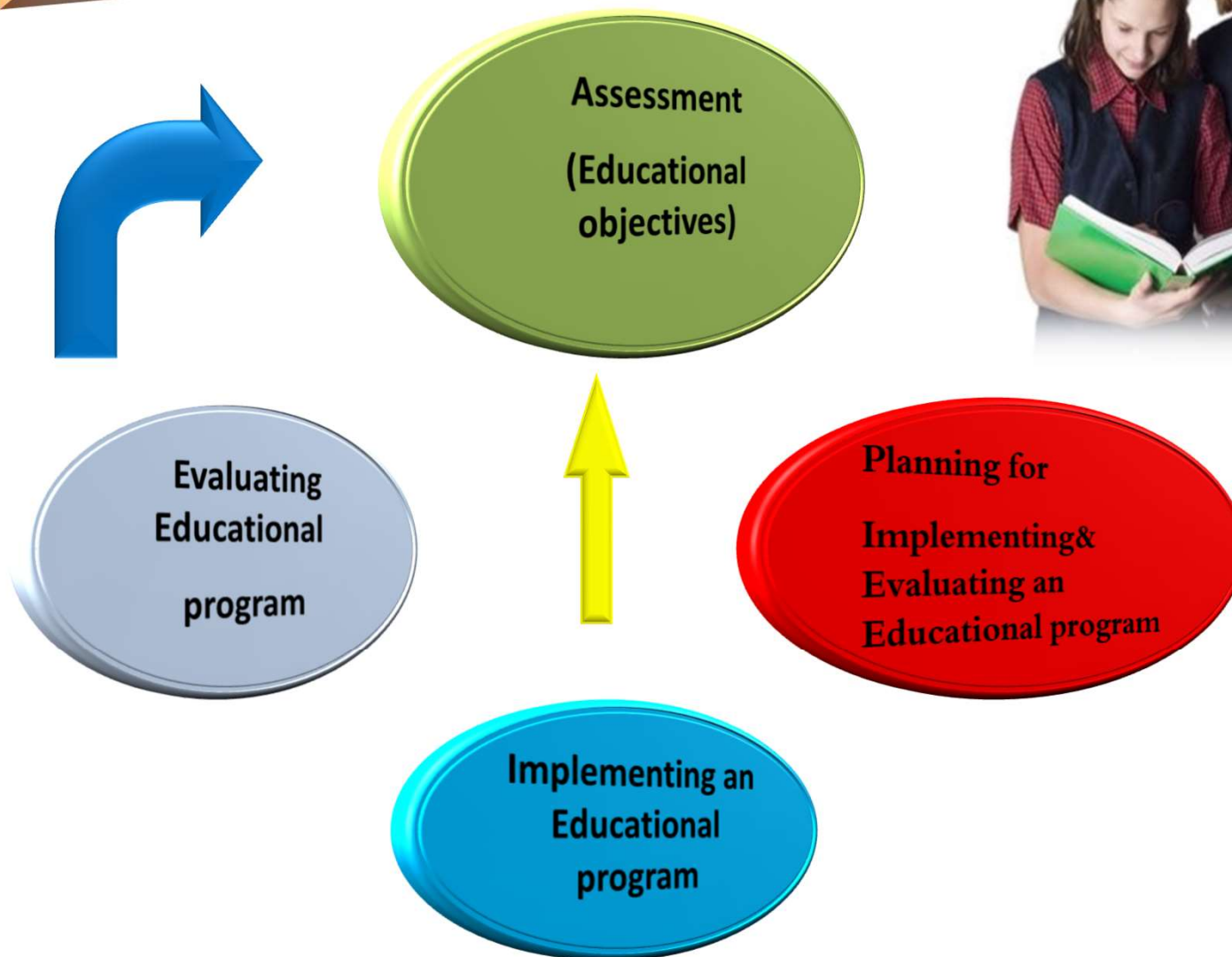


****In this system, the relationship between learner and subject is close, all of them are in dominant position.***

****The role of the teacher is simply to provide a service to the learners work with the subject.***

****This system is consistent with humanist approaches.***

EDUCATIONAL SPIRAL



Educational spiral

Assessment

Educational objectives.

Domains of learning

Specific objectives

Intermediate objectives

General objectives

Domain of Practical (psychomotor) skills

Domain of communication (Affective) skills.

Domain of intellectual (Cognitive) skills



Domains of learning

Each one of this categories listing from the simplest behavior to the most complex behavior consist of

Domain of Practical Skills(Psychomotor)

Imitation

Control

Automatism

Domain of Communication Skills (Affective)

Receiving

Responding

Internalization

1. Domain of Intellectual Skills (Cognitive Domain)

Recall of fact

Interpretation
Of Data

Problem
Solving



Educational spiral.....con

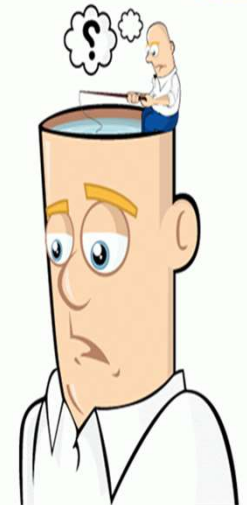
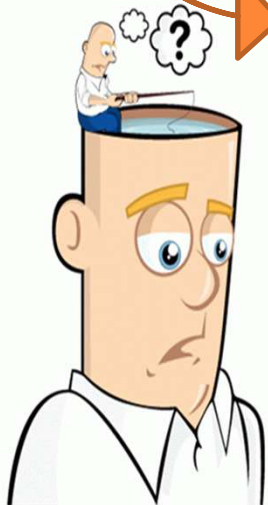
Planning for implementing & evaluating an educational program

Implementing an educational program

Evaluating the educational program

certifying
(summative)
evaluation

Formative
(diagnostic)
evaluation



COMPARISON BETWEEN EDUCATION PROCESS AND NURSING PROCESS

Similarities

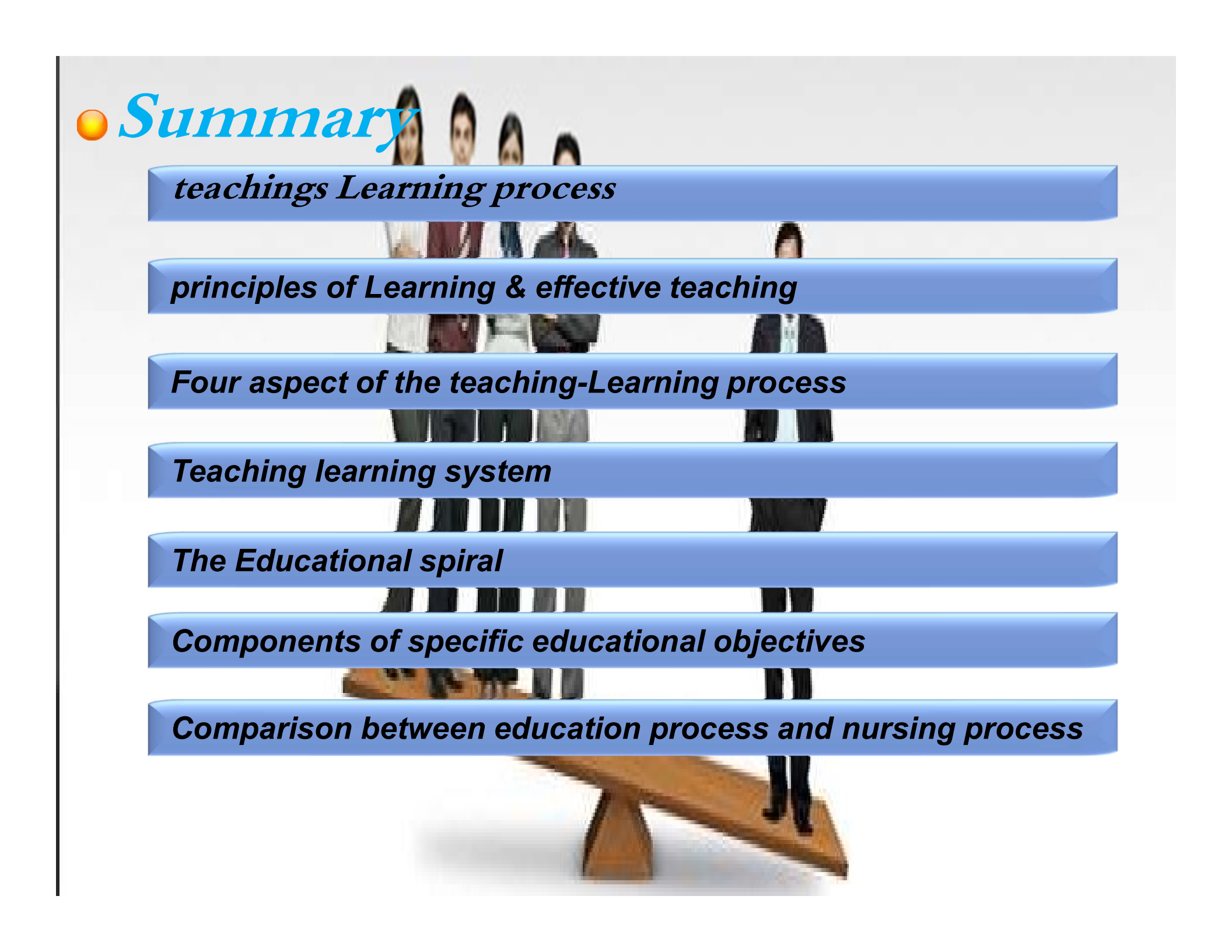
- 1-They are consist of the four basic elements of (assessment, planning, implementation and evaluation).*
- 2. They are logical, scientifically-based frame works for nursing.*
- 3. They provide a rationale basis for nursing practice rather than an intuitive (spontaneous) one.*
- 4. They are methods for monitoring and judging the overall quality of educational process and nursing interventions based on objective, data and scientific criteria.*
- 5. If the outcomes in either processes are not achieved, as determined by evaluation, the nursing process or the education process can and should begin again through reassessment, re-planning and reimplementation*



COMPARISON BETWEEN EDUCATION PROCESS AND NURSING PROCESS

Differences

Elements:-	<i>Nursing Process</i>	<i>Education Process</i>
<i>1-Assessment</i>	<i>Appraise physical and psychological needs.</i>	<i>Ascertain (determine) learning needs readiness (willing) to learn and learning styles.</i>
<i>2-Planning</i>	<i>Develop care plan based on mutually goal setting to meet individual needs.</i>	<i>Develop teaching plan based on mutually predetermined behavioral outcomes to meet individual needs.</i>
<i>3-Implementatio</i>	<i>Carryout nursing care interventions using standard procedures.</i>	<i>Perform the act of teaching using specific instructional methods and. tools</i>
<i>4-Evaluation</i>	<i>Determine physical and psychological outcomes.</i>	<i>Determine behavioral changes (outcomes) in knowledge, attitude and practical skills.</i>

A background image showing a group of students standing on a wooden seesaw. The seesaw is tilted, with one side higher than the other. The students are dressed in school uniforms. The image is slightly blurred, giving it a soft, artistic feel.

● *Summary*

teachings Learning process

principles of Learning & effective teaching

Four aspect of the teaching-Learning process

Teaching learning system

The Educational spiral

Components of specific educational objectives

Comparison between education process and nursing process

Question

