Information Processing Model (I.P.M.)
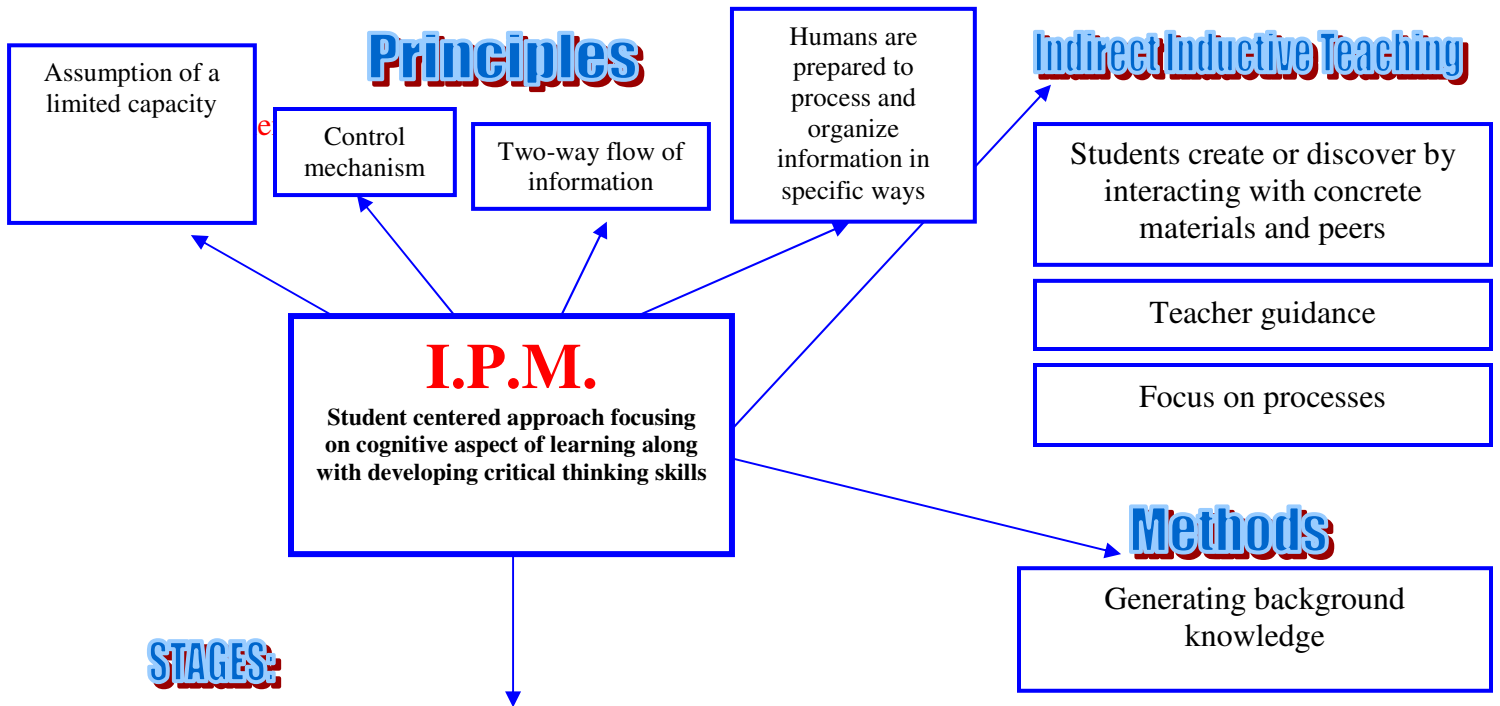
Principles

Assumption of a limited capacity

e Control mechanism

Two-way flow of information

Humans are prepared to process and organize information in specific ways

Indirect Inductive Teaching

Students create or discover by interacting with concrete materials and peers

Teacher guidance

Focus on processes

I.P.M.

Student centered approach focusing on cognitive aspect of learning along with developing critical thinking skills

Methods

Generating background knowledge

Understanding the main idea

Active learning

Discussion

Metacognition

STAGES:

Long-term Memory

External Stimulus — Sensory Memory — Initial Processing — Retrieval — Elaboration and Coding

Repetition — Short-term Memory — Response

Forgotten

Forgotten