South Dakota State University
ECE 478: Integrated Curriculum in Birth-to-Age-8 Education

Concepts addressed in this course: Major categories, advantages, and appropriate uses of instructional strategies: direct instruction, student centered models

Review lecture notes from science/social studies:

Direct Instruction

Teacher-centered instruction which includes lecture, presentation, and recitation

Purposes of different approaches

Lecture: present info
Recitation: oral testing
Discussion: motivate, share points of view, generate ideas or applications, synthesize ideas, bring closure

When is it appropriate and/or necessary to provide direct instruction?

Student-Centered Instruction

Individual & group investigation: whole group, small group/individual do small aspects of big project, or small group/individual do separate research

Inquiry

On-the-spot decision making

Activities

Role play
Author’s chair
Structured
Unstructured
Dramatic play
Simulation
Games

Helpful Websites:
http://agpa.uakron.edu/k12/best_practices/student_instruction.html
http://www.k12.hi.us/~bwoerner/ipcs/sciencemath.html#student-centered
http://www.humboldt.edu/~tha1/hunter-eei.html
http://people.uncw.edu/kozloffm/whatdiis.html
http://darkwing.uoregon.edu/~7Ebgrossen/aftdi.htm

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