

MAYLAND COMMUNITY COLLEGE
Welcomes You To:

EDU 251, Section 10
EXPLORATION ACTIVITIES
Credit Hours: 3 Contact Hours: 3

Fall 2007

Course Description

This course covers discovery experiences in science, math, and social studies. Emphasis is placed on developing concepts for each area and encouraging young children to explore, discover, and construct concepts. Upon completion, students should be able to discuss the discovery approach to teaching, explain major concepts in each area, and plan appropriate experiences for children.

Prerequisites: none

Corequisites: none

Instructor Information

Instructor:	Judy S. Stevens
Office Location:	Room 207, Gwaltney Hall
Telephone Number:	(828) 765-7351, ext 380
E-mail Address:	jstevens@mayland.edu
Office Hours:	Monday 8:00 – 9:00 AM; 10:00 – 12; 1:00 – 2:00 PM Tuesday 9:00 AM – 12:00 Noon; 3:00 - 5:00 PM Wednesday 8:00 – 9:00; 10:00 - 12:00; 1:00 – 2:00 PM Thursday 9:00 AM – 12:00; 3:00 - 5:00 PM Friday 8:00 – 9:00 AM; 10:00 – 12:00 PM; 1:00 – 2:00 PM

Course Information

Class meets on Tuesday & Thursday 1:00 – 2:20 PM. On delayed schedule, class meets at 1:45 – 2:45 PM.

Required Text(s): Charlesworth, Rosalind and Karen K. Lind. **Math and Science for Young Children**. 5th. Edition. New York: Delmar Publishers, Inc. 2007.

Wallace, Melanie. **Social Studies All Day, Every Day in the Early Childhood Classroom**. New York: Delmar Publishers, Inc. 2006.

LRC Resources: Early Childhood books, magazines, journals

Required supplies: 2 - inch ring binder notebook, index dividers with tabs

Course Objectives/Competencies:

1. Understand concrete, semi-concrete, and abstract progression of teaching, and use it in planning integrated mathematics, science, and social studies activities for young children.
2. Develop an awareness of types of questions children ask about natural events.
3. Develop an appreciation for the importance of fostering inquisitive tendencies in young children.
4. Develop an awareness of types of questions children ask about their environment.
5. Prepare and present activities to the class which are appropriate for young children.
6. Plan and teach activities that will help young children to learn the concepts basic to early mathematics, science, and social studies.
7. Select games and equipment appropriate for use with young children.
8. Familiarize oneself with the evaluation processes used with young children.
9. Develop skill in planning and carrying out demonstrations of simple scientific principles.
10. Develop a beginning skill in explaining natural events in terms appropriate for young children.
11. Explore math, science, and social studies references suitable for young children.
12. Develop skill in planning and carrying out thematic units integrating social studies with science, mathematics, and other curriculum areas.

Attendance Policy/Tardiness/Make-Up Work:

Regular class attendance is regarded as essential to the academic progress of the student. Students are expected to be present for the entire class time and will not be counted present if they leave early. You are expected to attend class and are therefore responsible for contacting the instructor **before** class begins if you will be absent.

Attendance is counted as 1 test grade.

Two (2) tardies will equal one (1) absence. You are considered tardy if not in the classroom at the appointed time for class to begin.

I expect that all assignments will be turned in on time. Late assignments WILL NOT be accepted!

To make up an absence you must do **all** of the following:

- ✓ 1 review (in MLA format) concerning children with exceptionalities.

- ✓ A 2-page summary of the current chapter of **The Exceptional Child** that we are addressing in class. This summary is to be typed, double spaced, using 12 font, with no cursive or color.

This work **must** be turned in to the instructor within **one week** after you return to class or make-up work **will not be accepted. No partial make-up work will be accepted!!**

Grading Criteria/Tests/Projects:

Grades will be assigned according to the following criteria:

Participation:

Participation in class discussions and activities is required.

Reading:

Reading of texts and instructor assigned reading is required and expected. Students are expected to be prepared for class: this requires staying current with course materials.

Reviews:

Review of **3** magazine, journal or newspaper articles related to math, science, and social studies (one of each). Students will read the article, summarize the information, and critique this information in one to one and one-half pages. Reviews must be typed, using 12 font and be double spaced. Reviews are due on the following dates:

Math – August 30

Science – October 4

Social Studies – November 8

* Students will share a brief summary of reviews on specified dates.

Enrichment Activities:

Prepare **6** of the following enrichment activities for math, science, and social studies (two of each). Please choose six different activities from the list. You must present **1** activity in each of the **3** areas to the class on the due date. The other activity will only be written. Each of the 6 activities must be accompanied by a Teacher-Made Materials sheet. Include in your presentation suggestions for integrating the activity into the curriculum.

1. File Folder Activity
2. Game Board
3. Bulletin Board
4. Mobile
5. Flannel or Magnetic Story
6. Mural
7. Puppet

8. Manipulative Collection
9. Original Math or Science Kit
10. Big Book
11. Others need to be cleared with the instructor

Due: **Math Activities – September 13**
Science Activities – October 16
Social Studies Activities – November 15

- All six activities need to be of different types, chosen from the above list, and need to be accompanied by teacher-made materials sheets.

Concept Web:

Choose a concept that is essential for young children to learn. Develop a web around your concept, following guidelines provided by the instructor. Design your web on poster board or chart paper. Due on **October 18**.

Diorama:

Plan and present to class a mathematics/science "shoe box" (diorama) activity that is as creative, inexpensive, and fun to do as possible. The activity must be hands-on in nature with activities that are investigative and experimental, employing science process skills. You will display your activity and present it to the class. A "Shoe Box Science Fair" will be presented on **November 20**.

Activity File:

Activity File of experiences for young children relating to math, science, and social studies:

Math - 25

Science - 25

Social Studies - 25

- Activities must be written on Activity Plan Sheets and divided into the 3 categories with index tabs. Please follow guidelines provided by the instructor for writing goals and objectives on the Activity Plan sheets. File is due **November 29**.

Resource Unit:

Develop a social studies resource unit integrating math, science, and other curriculum areas. Construct a replica play area (i.e. bank, post office, dentist office, school bus, teacher, flower shop, etc.) with all props and learning activities needed to present the unit with a group of young children. Each student will give a fifteen-minute presentation on **December 6**.

Tests & Pop Quizzes:

Tests on material covered in class and assigned readings. Students are expected to take tests on assigned date. If this is not possible, you are responsible for making prior arrangements with the instructor. All make-up tests must be taken within one week of assigned date. After one week, the grade for the test will be zero. Any bonus questions given on the original test will not be given on make-up tests. It is the student's responsibility to initiate the make-up arrangement. It is imperative that you are in class on testing days. Unannounced pop quizzes may be given at the instructor's discretion and may not be made up if missed. Homework assignments may be given at the instructor's discretion and will be due the following class meeting or the assignments will not be accepted.

Assignments:

Assignments are due according to dates printed on the syllabus or at times specifically assigned by the instructor, whether the student is present or not. If you must be absent on the due date of an assignment, turn it in to the instructor early or it will not be accepted. If problems arise, you are encouraged to contact the instructor prior to the due date of an assignment.

If you are experiencing difficulty in this course, please contact the instructor for assistance. Office hours are listed on this syllabus and are posted on the instructor's office door. If the instructor deems it necessary, he/she may request an individual conference with you.

Grading Criteria:

Participation, Daily Activities	20%
Tests	20%
Activity File	20%
Enrichment Activities & Diorama	20%
Resource Unit, Web & Reviews	20%

Grading Scale:

A = 94 - 100
B = 86 - 93
C = 78 - 85
D = 70 - 77
F = Below 70

Inclement Weather Procedures:

In all periods of inclement weather you are reminded to use good judgment when making travel decisions. Life and safety are the primary considerations. While individuals are expected to give due consideration to your responsibility for attendance, the College recognizes and expects that adults must ultimately make their own decisions about attendance and accept responsibility for them. When announcements pertaining to schedule changes due to inclement weather are made, it will be posted on

the front page of Mayland's website (www.mayland.edu), on the home page for LEO at leo.mayland.edu and aired on local radio and television outlets. For a complete listing of these outlets refer to the Student Handbook. Make-up work will be assigned according to procedures already cited in this syllabus.

Academic Standards/Student Expectations/Ethics:

Please turn off all electronic equipment; cell phones, beepers, or etc. during class, unless you have prior instructor approval. Students are expected to conduct themselves as mature and responsible individuals at all times, showing high regard and respect for the rights, privileges and property of others, including college facilities and property. Students who are disrespectful, exhibit rude or disrespectful behavior to the instructor or other students will be asked to leave class. For grading purposes this will be considered an absence. All students are expected to follow MCC's Conduct Policy & Student Code of Conduct listed in the Student Handbook. Violation of any regulations or applicable federal, state, or local statutes may result in administrative action up to and including suspension or expulsion.

In addition to academic performance, students should exhibit the qualities of honesty and integrity. Any form of dishonesty (cheating, fabrication, facilitation of academic dishonesty, plagiarism, etc.) will make the student subject to disciplinary action.

Be honest!

The incomplete "I" grade indicates that the student has failed to finish a portion of the required work for the class due to unusual circumstances. Should you request and receive an "I" for this course, it must be removed by the end of the next semester (or sooner if requested by the instructor) to avoid the grade automatically changing to an "F".

Please retain a copy of this syllabus and refer to it often; this is your guide to course expectations and requirements. If this syllabus is lost request a new one.

Administrative Withdrawal Policy:

If a student has not been in contact with the instructor and has not attended class for a two-week period, an administrative withdrawal will be submitted by the instructor. Following this procedure, the student will not be allowed to re-enroll in the class this semester.

Withdrawal Dates:

Fall 2007

End of Unconditional Withdrawal
End of Conditional Withdrawal

Tuesday, September 25, 2007
Thursday, November 1, 2007

Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.

While I have attempted to be as thorough as possible with this syllabus, course procedures may vary from this outline to meet the needs of this particular group of students. If you have concerns about any information printed in this syllabus, please share your concerns with the instructor.

Course Outline/Weekly Topics

Week 1	Introduction of Course
Week 2	Concept Development and Acquisition
Week 3	Enrichment Activities, Problem Solving
Week 4	Math and Science Process Skills
Week 5	Process Skills continued, Concept Webs
Week 6	Application of Process Skills
Week 7	Dioramas
Week 8	Symbols, Activity File
Week 9	Social Studies – Code of Ethics
Week 10	Learning Environment
Week 11	Planning for Social Studies
Week 12	Activity File
Week 13	Resource Unit
Week 14	Making and Keeping Friends
Week 15	Bringing It to Life
Week 16	Evaluation

