

EDUC 2460/4460 L STEM Service Learning

Middle School Segment

Instructor: Marianne Causey, EdS

- ◆ Middle School: Monday 1:30 –5:45 and Wednesday 3:45 – 5:45
- ◆ First Meeting Begins in Plant Sciences Bldg: Room 1503 and moves to Computer Lab at Aderhold, room 228

Date (Monday Seminars)	Readings or Topics	Other Assignments	Guiding Questions
Monday, Jan. 12	Introduction Syllabus Outline of course	Go to computer lab in Aderhold—room 618 www.renzullilearning.com Do online background check. Will need your credit card for this.	What is service learning? Why are we Here? Note that we will meet in the computer lab a on January 14 to continue with Renzulli.
Monday, Jan. 19 No class	Martin Luther King , Jr. Holiday		
Monday, Feb. 2	Making Our Lives Count by Paul Rogat Loeb <u>Soul of a Citizen</u> . argues that activism, enriches our lives. Helping others is an indispensable responsibility of being human, and Loeb gently reminds us how we can and why we should get involved in the world around us.		
Monday, Feb. 9	School Organization and Structure	“Journey to a New Life” Fernandez pp. 9-13	Claude Gonzalez: What About Science in CCSD? What is happening? A clear look Science Teaching in Clarke County.
Monday, Feb. 16	Roles and Responsibilities of Classroom Teachers	Chapters from LTTNP: “My Students, My School” Hankins, pp. 113-119 Or “Why Do We Continue to Stay?” Ross, pp. 127-133	
	. The Effects of Poverty on Teaching and	<i>Academic challenge in high-poverty</i>	

Monday, Feb. 23	Learning Students from Low Socio-Economic levels http://www.teach-nology.com/tutorials/teaching/poverty/print .	<i>classrooms.</i> <u>Knapp, Michael S.</u> <u>Shields, Patrick M.</u> <u>Phi Delta Kappan</u> ; Jun95, Vol. 76 Issue 10, p770, 7p, 1 bw	
Monday, March 2	Reforming Science and Math to Include more females	Change is hard”: What science teachers are telling us about reform and teacher learning of innovative practices (p 3-30) Kathleen S. Davis Published Online: Dec 6	
Monday, March 9	Spring Holidays No classes this week	No class	
Monday, March 16	Racial diversity and social justice	Chapters from LTTNP: “In Struggle and Hope” Delpit, pp. 70-76	
Monday, March 23	Math and science for all students	Grotzer, T. A. <u>Putting Everyday Science Within Reach</u> . Principal Leadership (Middle School Ed.) v. 5 no. 2 (October 2004) p. 16-21	
Monday, March 30	The gifted poor in math and science	The gifted Slocumb, P. D., et. al., <u>Identifying and nurturing the gifted poor</u> . Principal (Reston, Va.) v. 79 no. 5 (May 2000) p. 28-32poor in math and science	
Monday, April 6	Culture and language	Chapters from LTTNP: “Broken Roads and the Great Mother Earth” Attakai et al, pp. 63-69 Or “If We Had the Will to See It Happen” Hilliard, pp. 27-34	
Monday, April 13	Economic diversity, demographics, and school funding	Abbreviated text from law suit	

		Chapter from LTTNP: “Funding America’s Future—How Money Counts” Mathis, pp. 47-53	
Monday, April 20	Lifelong science and math learners	“Learning Science Beyond the Classroom” Linda Ramey-Gassert Elementary School Journal, 1997	
Monday, April 27 Last seminar Date	Sharing/Evaluation/Reflection		
		Optional Readings:	<p><u>Girls' math/science education</u> [Findings from condition of education 1997]. The Education Digest v. 63 (January 1998) p. 42-8.</p> <p>Reis, S. M., et. al., <u>Needed: Teachers to Encourage Girls in Math, Science and Technology</u>. Gifted Child Today (Waco, Tex 2000) v. 28 no. 3 (Summer 2005) p. 14-21</p>