

CPSE 462 - Tch Math to Stdnts w/Disablt

Spring 2019

Section 001: 359 MCKB on M W from 4:00 pm - 6:50 pm

Instructor/TA Info

Instructor Information

Name: Julia Shreeve

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Course Information

Description

This course prepares participants to teach mathematics to students with disabilities. Participants will learn and practice evidence-based methods for assessment, planning, and instruction using explicit and cognitively guided methods for elementary math skills and concepts.

Learning Outcomes

Standards Based Planning

1. Access and use the common core standards for assessment, lesson planning, and individualized instruction for math.

Cognitively Guided Instruction

2. Create and teach lesson plans using cognitively guided instruction to teach core math skills.

Curriculum-based assessment (CBA) for math

3. Administer and score curriculum-based assessments for math core standards in grades K-6.

IEP PLAAFPs from CBA data

4. Write standards-based Present Levels of Academic and Functional Performance (PLAAFP) statements and measurable annual IEP goals based on math CBA data for multiple math core domains.

Instructional units and daily lesson planning

5. Write instructional unit goals to address annual IEP goals for multiple math core domains. Write daily lesson plans to address each unit goal.

Unit and lesson curriculum-based measurements

6. Create curriculum-based measurements for units and daily lessons.

Direct instruction for math

7. Create and teach direct instruction lessons for unit daily objectives.

Data systems for monitoring student progress

8. Design and implement data recording systems for monitoring student progress toward lesson objectives, unit goals, and annual IEP goals..

Grading Scale

Grade	Percent
A	95%
A-	91%
B+	88%
B	84%
B-	81%
C+	78%
C	74%
C-	71%
D+	68%
D	64%
D-	61%
E	0%

Grading Policy

- All assignments are due in full on the date indicated.
- 10% off each for each day an assignment is late. It will be considered late after the time it is due.

Attendance Policy

Each class is worth three points. Students will receive one point for arriving to class on time, and two points for staying the whole time. Arriving late and/or leaving early will result in a one point deduction for each instance. One absence will be excused.

Assignment Descriptions

DI lesson plan 1 (Counting and Cardinality)

Due: Monday, May 06 at 4:00 pm

Create a direct instruction lesson plan as directed in class.

Number Talk

Due: Wednesday, May 8 at 7:00 pm

Develop and teach number talk in small groups.

Lesson Plan & Number Talk

Due: Wednesday, May 15th at 4:00 pm

Turn in one lesson plan from summer unit plan and one number talk

Summer Unit Plan #1 and Lessons

Due: Tuesday, May 22 at 11:59 pm

Unit Plan is focused toward number sense and includes State Core Standard, IEP goal, Unit goal, daily objectives, lesson plans, and curriculum based assessment.

Partial Lesson Plan (Expressions & Equations)

Due: May 29th at 7:00 pm

One partial lesson plan from expressions and equations

Summer Unit Plan #2 and Lessons

Due: Friday, June 7 at 5:00 pm

Unit Plan focus is chosen by student and includes State Core Standard, IEP goal, Unit goal, daily objectives, lesson plans, and curriculum based assessment.

University Policies

Honor Code

In keeping with the principles of the BYU Honor Code, students are expected to be honest in all of their academic work. Academic honesty means, most fundamentally, that any work you present as your own must in fact be your own work and not that of another. Violations of this principle may result in a failing grade in the course and additional disciplinary action by the university. Students are also expected to adhere to the Dress and Grooming Standards. Adherence demonstrates respect for yourself and others and ensures an effective learning and working environment. It is the university's expectation, and every instructor's expectation in class, that each student will abide by all Honor Code standards. Please call the Honor Code Office at 422-2847 if you have questions about those standards.

Preventing Sexual Misconduct

In accordance with Title IX of the Education Amendments of 1972, Brigham Young University prohibits unlawful sex discrimination against any participant in its education programs or activities. The university also prohibits sexual harassment-including sexual violence-committed by or against students, university employees, and visitors to campus. As outlined in university policy, sexual harassment, dating violence, domestic violence, sexual assault, and stalking are considered forms of "Sexual Misconduct" prohibited by the university.

University policy requires all university employees in a teaching, managerial, or supervisory role to report all incidents of Sexual Misconduct that come to their attention in any way, including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Incidents of Sexual Misconduct should be reported to the Title IX Coordinator at t9coordinator@byu.edu or (801) 422-8692. Reports may also be submitted through EthicsPoint at <https://titleix.byu.edu/report> or 1-888-238-1062 (24-hours a day).

BYU offers confidential resources for those affected by Sexual Misconduct, including the university's Victim Advocate, as well as a number of non-confidential resources and services that may be helpful. Additional information about Title IX, the university's Sexual Misconduct Policy, reporting requirements, and resources can be found at <http://titleix.byu.edu> or by contacting the university's Title IX Coordinator.

Student Disability

Brigham Young University is committed to providing a working and learning atmosphere that reasonably accommodates qualified persons with disabilities. If you have any disability which may impair your ability to complete this course successfully, please contact the University Accessibility Center (UAC), 2170 WSC or 422-2767. Reasonable academic accommodations are reviewed for all students who have qualified, documented disabilities. The UAC can also assess students for learning, attention, and emotional concerns. Services are coordinated with the student and instructor by the UAC. If you need assistance or if you feel you have been unlawfully discriminated against on the basis of disability, you may seek resolution through established grievance policy and procedures by contacting the Equal Employment Office at 422-5895, D-285 ASB.

Academic Honesty

The first injunction of the Honor Code is the call to "be honest." Students come to the university not only to improve their minds, gain knowledge, and develop skills that will assist them in their life's work, but also to build character. "President David O. McKay taught that character is the highest aim of education" (The Aims of a BYU Education, p.6). It is the purpose of the BYU Academic Honesty Policy to assist in fulfilling that aim. BYU students should seek to be totally honest in their dealings with others. They should complete their own work and be evaluated based upon that work. They should avoid academic dishonesty and misconduct in all its forms, including but not limited to plagiarism, fabrication or falsification, cheating, and other academic misconduct.

Schedule

***No class on Memorial Day or June 3rd**

Date	Topic	Readings	Assignments
W May 01 Wednesday	Introduction and overview Common Core math standards Math Core: Counting and Cardinality	https://www.schools.utah.gov/curr/mathematics?mid=3888&tid=1	
M May 06 Monday	Number Talks	https://www.schools.utah.gov/curr/mathematics?mid=3888&tid=1	DI lesson plan 1 (Counting and Cardinality) Turn in Number Talk
W May 08 Wednesday	Math Core: Operations in Base Ten		Complete a one week Unit Plan, CBA, and one lesson plan

M May 13 Monday	Number Sense/Number Talks	Number Talks Book pages 35-39 & 157-160	Teach DI lesson 1
W May 15 Wednesday	CBA Write Broad CBA		Practice lesson plan and number talk in class Turn in CBA
M May 20 Monday	Intro to CGI	https://learningsuite.byu.edu/plugins/Upload/fileDownload.php?fileId=e93f4e60-bPWZ-38Bg-CguO-Wh0e40825c29	
W May 29 Wednesday	Math Core: Operations and Algebraic Thinking Write Focus CBA		Summer Unit Plan #1 Due (Number sense) Operations & Algebraic Thinking Partial Lesson Plan

M June 5 Wednesday	Math Core: Rates & Proportions Focus CBA	Case Study & Partial Lesson Plan
W June 7 Wednesday	Math Core: Expressions and Equations	Summer Unit Plan #2 (Student choice)
M June 10 Monday	Bloom's Taxonomy, DOK	
W June 12 Wednesday	Complete our work Summarize our learning	

W June 19
Wednesday

First day of Spring
Final Exams

Final Exam:
359 MCKB
5:00pm - 6:50pm