

Rationale

Everyday math incorporates everyday living skills necessary for interdependence in the community. This course promotes skills necessary for the student to become an active participant and contributing member of society.

Course Description

In this course the student's IEP goals and transition plans are addressed in the classroom as well as in the community. Many of the units taught in these classes are integrates for continuous acquisition and application of skills, which are assessed through Community-Based Instruction. Utilizing the Mehlville curriculum, lectures, presentations, assignments, materials, and community experiences are adapted to create opportunities for students' success.

Prerequisites

Prerequisite: IEP team recommendation

Open to: 9, 10, 11, 12

Credit: 1 Unit - Two Semesters per content course

Course Objectives

1. The student will understand numbers, ways of representing numbers, relationships among numbers, and number systems through direct instruction with 80% accuracy. Locally assessed. (A-GLE: MA1, 9-12; MA1, 6 1.6, 1.10) (A+: Reading)

A. Count and recognize "how many" in a set of objects

B. Read, write, and compare whole numbers

C. Recognize and represent commonly used fractions.

2. The student will understand meanings of operations and how they relate to one another through direct instruction with 80% accuracy. Locally assessed. (AG-GLE: MA1, 9- 12; MA1; 1.5, 3.4)

A. Use representations such as concrete materials or pictures to solve addition and subtraction situation problems

B. Use representations such as concrete materials or pictures to solve multiplication and/or division problems

3. The student will compute fluently and make reasonable estimates through direct instruction with 80% accuracy. Locally assessed. (A-GLE: M3, 9-12; MA1; 1.6, 3.3, 3.4)

A. Use concrete materials to show more or less

B. Make change from \$1 or less

C. Identify more or less

4. The student will understand patterns, relations, and functions through direct instruction with 80% accuracy. Locally assessed. (A-GLE: AR1, 9-12; MA4, 1.6, 3.5, 3.6; MA2,6; 1.8) (A+: Research)

A. Recognize and extend patterns

B. Create and analyze patterns

C. Sort, classify, and order objects

5. The student will analyze characteristics and properties of two and three-dimensional shapes through direct instruction with 80% accuracy. Locally Assessed. (A-GLE: GS1, 9-12; MA2; 1.6, 1.10)

A. Recognize two and three dimensional shapes

B. Use shapes to make a picture or design

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Mehlville School District

Special Education

Grades 9 - 12, Duration 1 Year, 1 Credit

6. The student will formulate questions that can be address with data and collect, organize, and display relevant data to answer then through direct instruction with 80% accuracy. Locally Assessed. (A-GLE: DP1, 9-12; MA2, 3; 1.2, 1.8) (A+: Writing)

A. Formulate questions that can be addressed with data collection

B. Sort and classify items according to their attributes

C. Represent and interpret data

7. The student will understand measurable attributes of objects and the units, systems, and processes of measurement through direct instruction with 80% accuracy. Locally Assessed. (A-GLE: ME1, 9-12; MA1, 2, 5; 1.4, 3.1, 3.3, 3.7, 4.1) (A+: Speaking)

A. Recognize, compare, and order attributes such as length/ weight

B. Develop concept of time and tell time

C. Use money to make purchases and to make change

8. The student will apply appropriate techniques, tools, and formulas to determine measurement through direct instruction with 80% accuracy. Locally Assessed. (A-GLE: ME2, 9-12; MA2,5, 3.3)

A. Use tools to measure size, temperature, time, weight

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