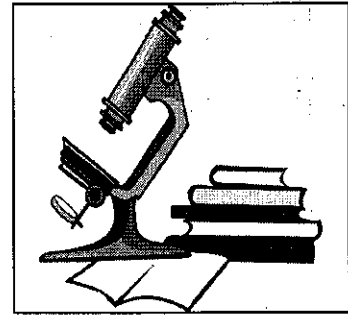


COURSE SYLLABUS
Math and Science
Self-Contained Extensions Program
2018-2019



General Information

Teacher: Rebecca Bender

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Homeroom Description

When not participating in instructional group sessions, my homeroom students will complete the following activities while in my classroom:

- Independent Work (based on IEP goals and objectives)
- One-on-One Work (based on IEP goals and objectives)
- Sensory Input
- Physical Activity Time
- Functional Skills
- Free Choice Breaks

Group Work Description

Math lesson plans are based off our extended standard content areas listed below. We have started with (The Number System):

- **Unit 1: Number System:** Fractions, Place Value, Operations(+, -, x, /), numbers
- **Unit 2: Geometry:** area, perimeter, congruent shapes, volume
- **Unit 3: Rational and Proportional Relationships:** Ratios, equivalent ratios
- **Unit 4: Statistics and Probability:** understanding and comparing different graphs, patterns, collect data and graph, probability, ordered pairs, scatter plots
- **Unit 5: Expressions and Equations:** real life word problems, algebra, equivalent values

Science lesson plans are based off our extended standard content areas listed below. We have started with (Forces and Motion):

- **Unit 1: Force and Motion:** properties of waves, balanced and unbalanced forces, energy
- **Unit 2: Matter, Properties, and Change:** states of matter, atoms, interaction of matter and energy, compare density
- **Unit 3: Structures and Functions of Living Organisms:** Parts of a plant, living organisms, disease, hygiene, human health
- **Unit 4: Earth Systems, Structures, and Processes:** Earth surface and structures, biomes, water cycle, hydrosphere, recycling
- **Unit 5: Ecosystems:** producers, composers, decomposers, food chains

Course Relationship to NCECCS:

All students are following the Extensions of the Common Core Standards, which means all students will be completing academic lessons within the self-contained setting. Student's IEP goals and objectives are incorporated within academic lessons and independent work/one-on-one work in the afternoons.

Objectives

- To progress academic skills in the areas of math, comprehension, writing, critical thinking, and collaboration.
- To gain the skills needed to be as independent as possible.
- To teach responsibility.
- To promote communication skills, especially through social-language communication.
- To progress overall survival skills.

Grading

All work is reviewed and corrected with each child. You may see a prompting level indicated on the work:

- I = Independent
- G = Gestured
- V = Verbal
- FP = Full Physical
- PG = Physical Guidance
- R = Refusal

Grades are based on effort, level of understanding, and prompting level needed. Each quarter, 10 grades are put into PowerSchool for a final quarterly grade on the report card.