

Course Title:	Applied Math
Grade(s):	9-12

Course Description
This course is designed for students who qualify to receive special education and require an alternative setting for math instruction. Applied Math can take the place of the grade level Math requirement. This class is typically recommended for students with significant impairment related to math. Students in this class are provided with instruction focused on functional math skills and address individualized IEP goals and objectives in math and transition.
Approved Curricular Materials/Textbook(s)
iReady IXL

Unit Title	Unit Description (Include Unit Objectives)	Unit Pacing
Unit 1:	Getting Started and Building Foundations- Students focus on building rapport, understanding class expectations, and completing baseline assessments. This unit also introduces key executive functioning skills and helps students review and understand their IEPs as they relate to math goals.	2 weeks
Unit 2:	Problem Solving- Students develop strategies for solving real-world math problems, emphasizing critical thinking, decision-making, and applying step-by-step approaches to everyday situations.	4 weeks
Unit 3:	Fractions- This unit covers understanding, comparing, and performing operations with fractions. Students apply these skills to practical tasks such as cooking, measuring, and dividing items.	4 weeks
Unit 4:	Money and Financial Skills- Students practice counting money, making change,	5 weeks

	budgeting, and other everyday financial tasks, reinforcing functional math skills needed for independence.	
Unit 5:	Time- This unit teaches students to read clocks, calculate elapsed time, and apply time management skills to daily schedules and planning tasks.	3 weeks
Unit 6:	Measurement- Students explore measurement concepts including length, weight, and volume. Emphasis is placed on practical applications such as cooking, shopping, and understanding distances.	4 weeks
Unit 7:	Geometry- Students identify shapes, understand their properties, and apply geometric concepts to everyday situations such as layouts, maps, and simple design projects.	4 weeks
Unit 8:	Statistics and Data- Students learn to collect, organize, and interpret data using tables, graphs, and charts. Skills are applied to real-life contexts such as surveys, school projects, and workplace scenarios.	4 weeks