

Math ACCOMMODATIONS

Each student is an individual learner, so the accommodation examples below will not be needed by all students. The team should consider those that support the student's needs to allow for accessing content.

Math Calculation (Basic Operations & Procedures)

- Use of calculators for multi-step or computation-heavy tasks
- Access to multiplication charts, number lines, or formula sheets
- Graph paper or lined paper to help with number alignment
- Reduced number of problems per page to minimize visual overload
- Option to complete problems orally instead of in writing
- Extra time for computation tasks
- Allow the student to use manipulatives (counters, base-ten blocks, fraction tiles)
- Step-by-step checklists for solving operations
- Pre-taught vocabulary for math symbols and terms
- Provide partially completed problems as scaffolds

Math Fluency (Speed & Automaticity)

- Extended time for timed fluency assessments or removal of timing altogether
- Repeated practice with immediate feedback
- Access to digital fluency tools that adjust difficulty
- Opportunities to practice facts using games or hands-on activities
- Allow alternative demonstrations of mastery (e.g., accuracy over speed)
- Chunk practice into short, manageable intervals
- Provide fact-family charts or reference sheets
- Reduce the number of fluency items to avoid fatigue
- Preview fluency tasks before assessments

Math Problem Solving (Word Problems & Application)

- Breakdown problems into smaller steps with guided prompts
- Graphic organizers (e.g., CUBES, RACE, or multi-step problem-solving templates)
- Allow students to highlight or underline key information
- Read word problems aloud or providing audio versions
- Clarify or simplify complex language in problems
- Provide worked examples before independent practice
- Allow students to explain reasoning verbally instead of in writing
- Offer manipulatives or visual models to represent problems
- Extra time for multi-step tasks and assessments
- Small-group or teacher-guided problem-solving sessions