



Fantasy Sports Math League

Pilot Results Summary for District Leaders | Fall 2025

WHAT IT IS: A game-based digital platform that teaches middle school math through fantasy football. Students draft teams, set weekly lineups, and score their players using fraction operations, budgeting, and problem-solving—all aligned to standards and using real NFL game data. COPPA and FERPA compliant, runs on Chromebooks, tablets, or computers.

LEARNING OUTCOMES: Measurable Academic Gains

+1.38 Math Perseverance (6-7-8 graders) $p < .001$ ***	+0.50 Fraction Confidence Gain (5-pt scale) $p < .001$ ***	+2.10 Math skill improvement (6 th graders) 3x other grades
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Sample: 104 matched students (pre-post), 144 post-survey. Demographics: 52% 6th grade, 52% male, 53% White.

STUDENT ENGAGEMENT: Math skills students said FSML helped them with

79% fraction operation – a critical gatekeeper skill for algebra
45% budgeting - real world financial literacy
43% problem solving – application across contexts

TEACHER IMPLEMENTATION: Designed for Classroom Ease

- Weekly scoring activities take 10-15 minutes; students self-pace through fraction problems
- Platform grades all scoring calculations and leaderboard updates automatically
- Minimal teacher prep: Draft day setup (30 min), then weekly check-ins during math class
- Secure digital platform accessible via web browser—no software installation required
- Aligns with 6th-7th grade standards for fraction operations, PEMDAS, and problem-solving
- Annual subscriptions \$150 per class or \$950 per school

EQUITY FINDINGS: Reaches Students Who Need It Most

- Students with LOW baseline math scores (0-5/11) gained +3.19 problems—transformative growth
- Students with LOW fraction confidence gained +0.93 points (nearly a full scale point)
- Non-White students experienced substantial anxiety reduction (-0.57 vs. -0.02 for White)

"It helps students to expand their math participation without realizing it's math. That's why I think this is such a great program!" – pilot teacher

"FSML changed how I feel about coming to math class in a positive way because whenever I don't want to come to math class I can imagine that the math that I'm doing is to calculate my players' points, which makes me want to come to math class."—6th grade student

DISTRICT DECISION POINT: FSML delivers measurable math gains with high student engagement and minimal implementation burden. Strongest impact in 6th grade (recommended priority). Evidence supports scale potential for middle school math intervention.

Full pilot evaluation report available | Contact: fantasysportsmathleague@dfusioninc.com | FantasySportsMathLeague.com