Fantasy Sports Math League

Lesson Plans		
Lesson Plan Title	**Lesson Objectives**	**Mathematical Practice(s) Addressed in this Lesson**
1. Pre-Season Training Camp	1. List 3 possible draft strategies 2. Identify their top draft strategy 3. Identify 2 ways to calculate a player's value 4. Calculate 1 player's value	1. Compute fluently and make reasonable estimates 2. Select and use various types of reasoning and methods of proof 3. Analyze and evaluate mathematical thinking via coherent and clear expression to peers, teachers, and others
2. Drafting Your Fantasy Team	1. Identify draft strategy 2. Select FSML players 3. Calculate the total cost of drafted players 4. Calculate remaining draft budget amounts	1. Compute fluently and make reasonable estimates 2. Select and use various types of reasoning and methods of proof 3. Analyze and evaluate mathematical thinking via coherent and clear expression to peers, teachers, and others.
3. Score!	1. Identify player box scores 2. Solve player and team equations using fractions 3. Create one graph of team or player data 4. Analyze data and make a statement about team's performance	1. Compute fluently and make reasonable estimates 2. Apply mathematical thinking to everyday contexts by working through carefully selected problems that allow demonstration of deeper connections to mathematical concepts. 3. Recognize and apply mathematics in contexts outside of mathematics.
4. Set Your Best Lineup!	1. Identify player box scores 2. Solve player and team equations using fractions 3. Analyze data and make a statement about 3 players' performance 4. Make a data-informed decision to set your line-up	1. Compute fluently and make reasonable estimates 2. Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer 3. Apply mathematical thinking by working through carefully selected problems that allow demonstration

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		of deeper connections to mathematical concepts. 4. Recognize and use connections among mathematical ideas
5. Who Is Your All Star?	1. Identify player box scores 2. Solve player and team equations using fractions 3. Analyze data and make a statement about 3 players' performance 4. Make a data-informed decision to set your line-up	1. Compute fluently and make reasonable estimates 2. Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer 3. Apply mathematical thinking by working through carefully selected problems that allow demonstration of deeper connections to mathematical concepts. 4. Recognize and use connections among mathematical ideas
6. Bang for Your Buck	1. Identify player box scores 2. Solve player and team equations using fractions 3. Create one graph of team or player data 4. Analyze data and make a statement about team's performance	1. Compute fluently and make reasonable estimates 2. Apply mathematical thinking to everyday contexts by working through carefully selected problems that allow demonstration of deeper connections to mathematical concepts. 3. Recognize and apply mathematics in contexts outside of mathematics.

Extension Activities

Title	Description	Focus Area
Coaching Corner	Students create four different offensive plays	Football
Concession Stand	Students create a concession stand with menu and pricing	Business
Create Your Own Scoring System	Students develop their own scoring system for fantasy football	Math
Fantasy Sports Team Mascot and Logo	Students design their own mascot and logo	Art
Fantasy Sports Team Merchandise	Students design and market their fantasy team's merchandise	Business, Art

Fantasy Sports Team Video Commercial	Students create a video commercial promoting their fantasy team	Business, Art, Technology
Field Measurements	Students learn about perimeter and area calculations using a football field	Math
Gridiron Greats	Students use statistics to analyze player performance	Math
Line-Up Comparison	Students analyze their lineup choices	Math
Morph-a-Mascot	Students create a new mascot	Art
Post-Draft Gridiron Graphs: Budget Breakdown	Student graph and analyze their spending	Math
Season Gridiron Graphs	Students create graphs for their team's points across the season	Math
Start Your Own NFL Franchise	Students create their own NFL franchise	Business, Art
Weekly Analyzer	Students analyze their team's performance	Math
Weekly Gridiron Graphs	Students create graphs for their team's points for the week	Math
You Make the Call	Students suggest changes in the rules of football or fantasy football	Football