Rubric for Theme Park Project

Criteria: Understanding of Algebraic Concepts (20 Points)

- **Excellent (16-20 Points)**: Demonstrates a deep understanding of algebraic principles, clearly applying them to the theme park project.
- **Good (11-15 Points)**: Shows a solid understanding of algebraic principles and applies them effectively, with minor errors.
- **Fair (6-10 Points)**: Demonstrates a basic understanding but may show significant errors or gaps.
- **Needs Improvement (0-5 Points)**: Shows minimal understanding, with frequent errors and incomplete applications.

Criteria: Creativity and Design (20 Points)

- **Excellent (16-20 Points)**: Project design is exceptionally creative, original, and well-thought-out, with detailed and innovative elements.
- **Good (11-15 Points)**: Design is creative and original, with well-thought-out elements and minor areas for improvement.
- **Fair (6-10 Points)**: Design shows some creativity and originality, but may lack detail or thoughtfulness.
- **Needs Improvement (0-5 Points)**: Design lacks creativity and originality, with minimal detail and thought.

Criteria: Data and Calculations (20 Points)

- **Excellent (16-20 Points)**: Uses data and calculations effectively to support the project design, ensuring accuracy and clarity. Data is well-organized.
- **Good (11-15 Points)**: Uses data and calculations appropriately, with minor inaccuracies. Data is organized and presented clearly.
- **Fair (6-10 Points)**: Uses data and calculations but with significant inaccuracies. Data organization is basic.
- **Needs Improvement (0-5 Points)**: Uses minimal or inaccurate data and calculations, with poor organization.

Criteria: Effort and Engagement (20 Points)

- **Excellent (16-20 Points)**: Shows exceptional effort and engagement, consistently contributing high-quality work and demonstrating initiative.
- **Good (11-15 Points)**: Shows good effort and engagement, regularly contributing to the project and producing quality work.
- **Fair (6-10 Points)**: Shows some effort and engagement, with variable contributions and work quality.
- **Needs Improvement (0-5 Points)**: Shows little effort and engagement, with minimal contributions and poor work quality.

Criteria: Completeness and Organization (20 Points)

- **Excellent (16-20 Points)**: Project is thoroughly complete and exceptionally well-organized, with all required elements included and logically arranged.
- **Good (11-15 Points)**: Project is complete and well-organized, with most required elements included and logically arranged.
- **Fair (6-10 Points)**: Project is partially complete and somewhat organized, with some required elements missing or disorganized.
- **Needs Improvement (0-5 Points)**: Project is incomplete and poorly organized, with many required elements missing.

Total Points: _____ / 100