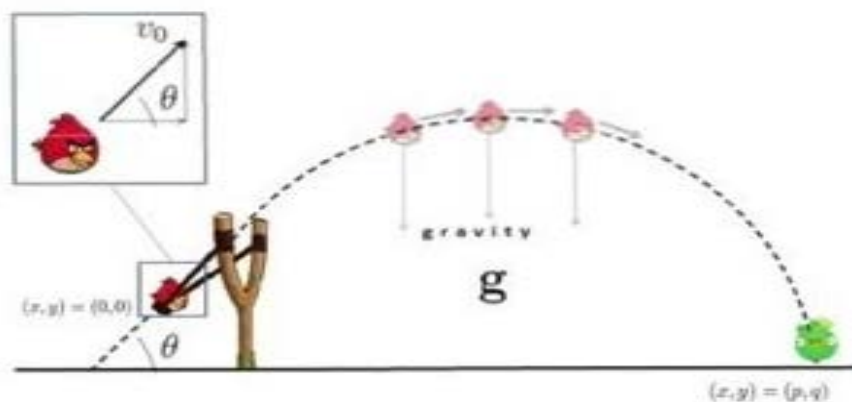


Angry Birds Project

Directions: You group will create your own “Angry Birds” level. Your level must include the following:

- Colorful level layout that clearly shows structures, slingshot, birds, pigs, etc.
- Clearly shows two flight paths (different colors).
- Flight paths must be parabolas showing the vertex and axis of symmetry
- Equations of each parabola, showing all work to develop each equation.
- Description of how the blocks will fall after each shot.



Grading: The following rubric will be used to grade this project. All submissions must be made via email to peter.ruckdeschel@monroe.k12.nj.us. **This project is due on Tuesday, November 18th BEFORE class starts.**

Criteria	Level 1	Level 2	Level 3
Quadratic Equations	A strategy is shown developing equations.	A strategy is shown developing all equations with minimal errors.	A clear strategy is shown in developing all equations. One equation has been developed using x-intercepts.
Graph of quadratic relation	Graphs show some properties of quadratics.	Graphs show symmetry and vertex.	Graphs show all relevant properties of quadratics. Accuracy is stressed.
Clarity	Descriptions are presented well.	Descriptions and design are clear and well presented.	Descriptions and design are clear, well presented and unique.