

### **Request for Prototype**

**Submitted by:** Math Is Fun Inc. (MIFI)

#### **Background:**

The MIFI organization wants to find fun ways to encourage students to learn math. They would like to capitalize on the popularity of the Angry Birds game and movie by creating a program that helps students learn about angles. They aren't sure exactly what they want, so they are asking for prototypes to help them explore different ideas.

#### **Project Description:**

MIFI has suggested the following features for the program:

- ☐ It should have some type of "missile" that is aimed at a target.
- ☐ Students should "aim" the missile by entering an angle.
- ☐ The program should visually represent the angle *and the trajectory*, to enhance students' understanding.
- ☐ The program should have some extra features that reinforces the concepts of angles (e.g., quiz, challenge, etc.).
- ☐ It should be colorful and engaging, suitable to use in a K-12 setting