Essential Question (?)
How can I use Alice programming to create a presentation?

Teacher Karin Ghent

Goal/ Essential Standard BU 102YB

Objective 2.02

Starter
Students post daily to Edmodo. The starter post for this lesson plan will be review questions on what we have previously covered in Alice programming.

Learning Target: “I Can”
I can understand procedures for developing a presentation in Alice.

Instructional Strategies
(Note: This lesson will be taught over several days. This is the “finished product”. Students will be encouraged to improve upon this world as their study of Alice programming goes on.)

In this lesson, we will work with Do Together and Do In Order. Students will learn how to get the students to move arms and legs in unison. In previous lessons, students in my class will have already covered how to program in Alice to move body parts.

Students in my class will bring up their world (filename:cheertryout) and drag Do Together into their programming window. They will then drag the commands that they want to have performed together into the Do Together box. They will then do this for all students.

At one point in the presentation, each student will do their own cheer routine. This is where Do In Order is brought into the lesson. While one student is performing the others will stand and wait their turn. Do In Order will allow this to happen.

Students will then be able to work throughout the program to get the cheerleaders to work together and solo during the routine.

As the students extend their Alice programming knowledge base, they will return to this world and improve upon it. This is a work-in-progress.

Exit Slip
At the conclusion of this lesson, the students will be uploading their finished product. Students will also complete a post in Edmodo detailing how they would enrich the world that they have created. For example, the ground could be changed to a gym floor texture, or they could add a billboard (gym bleachers) or they could even add audio to simulate actual cheerleading tryouts.

Homework