Lesson Plan: Intro to Alice - Follow the Leader

The worlds I created are not directly related to the lessons (except the first one) because my goal is to teach students how to use Alice and then have them create a world of their own using the skills they learn.

Teacher: Remi Willoughby

Date: 2nd 9 Weeks

Subject/Grade Level: Intro to Engineering/7th Grade

Materials: Alice Software, Internet Access, Projector, Computer, Printouts (Tutorials, Storyboard), Follow The Leader world (teacher-prepared), and IntroToAlice PowerPoint (teacher-prepared)

Chapter 126. Texas Essential Knowledge and Skills for Technology Applications

(5) Digital citizenship. The student practices safe, responsible, legal, and ethical behavior while using technology tools and resources.

Lesson Objective(s): Students will be able to:

a) demonstrate understanding of the use of Alice World basics: open Alice, add object, create scenes, use camera
b) create and publish interactive stories, games, and animations using Alice Programming Software;

Modifications (Special Ed & GT):

Special Ed: Video requirements reduced to 10-15 seconds.

GT: Video requirements increased to 40-45 seconds in plus requiring them to use more objects and one conditional statement.

ENGAGEMENT/PROJECTS/PRODUCTS ASSIGNED

Teacher opens Alice programming software and introduces it with the PPT. The PPT explains the different parts of the software to give students a good understanding of how to locate the different parts so they can follow the tutorial.

Teacher explains to students that this introductory lesson on Alice is a simple challenge designed to allow them to practice working in methods, adding objects and dragging in commands. Teacher also demonstrates/explains the importance of using a story board in programming.

EVALUATION/CLOSURE

- Provide students with a storyboard handout and rubric for assessment.
- Students will begin tutorials on how to use Alice programming using teacher prepared handout.
- Students will create their own worlds which must be between 20-30 seconds