## Lesson Plan

**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), Cyber Bully Video

### 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) practice safe and appropriate online behavior, personal security guidelines, digital identity, digital etiquette, and acceptable use of technology

b) create and publish interactive stories, games, and animations using Alice Programming Software;

**Modifications:**

- Show sample video on importance of Internet safety *Soccer Girl* or *Christina Long*
- Discuss with students the 4 most important safety lessons: **No name, phone number, address, or school name to strangers online**
- Have main elements on storyboard and have them add notes/extras in guided practice;
- **Video requirements reduced to 15-20 seconds.**

### ENGAGEMENT/PROJECTS/PRODUCTS ASSIGNED

This is an introductory lesson on Alice. This tutorial will create worlds that demonstrate understanding of Alice basics like using Object Trees, Code Editor, Show teacher-prepared sample worlds and more from *Adventures in Alice* website. The world created by students must show the 4 most important safety lessons:

*No name, phone number, address, or school name to strangers online*

### EVALUATION/CLOSURE

- Provide students with a [storyboard handout](http://www.cs.duke.edu/csed/alice09/tutorials.php) and rubric for assessment.
- Students will begin tutorials on how to use Alice programming using tutorials from [http://www.cs.duke.edu/csed/alice09/tutorials.php](http://www.cs.duke.edu/csed/alice09/tutorials.php)