**Materials: Computer, Alice 2.2 Software, Alice 2.2 tutorial, Alice textbook, Paper, pencil, Storyboard pdf. file**

**Learning Objectives: Creating a story, Storyboarding, Programming in Alice**

**Extension Activity: Additional looping, conditionals**

**Estimated Time: 180 minutes**

In this assignment, students will be divided into groups of threes. Students will create a basic movie in Alice. They will utilize the Alice Tutorials provided as well as the tutorial included in the software if necessary.    1.) Every Movie needs to have 2-3 Characters 2.) The Story Line must be G rated- no violence, nothing gross 3.) Story should have a clear beginning middle and end.

***A. Movie Information***

First write a brief description or scenario of the story you are going to tell. This should be a 1-2 paragraph essay.  **The scenario gives all necessary details for setting up the initial scene and then planning a sequence. Answer questions on a separate sheet of paper.**

**1. What story is to be told?**

 **2. What objects are needed?**

 **3.  Which objects will play leading roles in the Story? Which objects will be used to provide background scenery.**

 **4. What actions are to take place**? **Remember the actions in the story will eventually** **become the instructions in the program.**

***B. Storyboard***

Download the document below to create a Storyboard. This is where you plan your program frame by frame.

 Ctrl+Click to open [Story board.pdf](http://computerkiddoswiki.pbworks.com/f/story%2Bboard.pdf) file. Print one document per group.

*Alice Movie Rubric*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Criterion | 5/4= Excellent | 3/2= Adequate | 1 = Substandard | 0 = Not even close |
| Assignment Questions | No errors | Minor details of the standards are violated, or poor choices are made where the standards are unclear. | Significant details of the standards or the underlying program intent are violated, but the program still fulfills essential functions. | Misses the point of the problem. |
| Storyboard Planning Sheet | No errors | 1-3 minor errors | More than three minor errors OR one major error | More than one major error |
| Story Creativity | Creative with interesting elements | Works for typical input, but seems predictable | Fails for typical input, for a minor reason. | Fails for typical input, for a significant reason. |
| Movie Object Appropriateness | No errors | 1-3 minor errors | More than three minor errors OR one major error | More than one major error |
| Movie Completion | No errors | 1-3 minor errors | More than three minor errors OR one major error | More than one major error    |
| Comments    |   |
|   |  |