## INSTRUCTIONAL DESIGN PROJECT TEMPLATE



|  | calculations, and the possibility for student interactions. |
| :---: | :---: |
|  | 3. Describe how the technology will affect student's thinking processes (NCTM, 2000) |
|  | By showing the different figures at certain points in the lesson, the technology can lead the students on the correct thought process. For example, the hide/show action buttons provide the ability to hide or show important information about the mathematics. It allows the teacher to present the information in a different and uncommon way. |
| Representations. | 1. Describe the different representations you will use in your lesson |
|  | This lesson will use representations in terms of algebra, or drawing constructions. |
|  | 2. Describe how you will use the different functions of multiple representations in your lesson to enhance the lesson |
|  | The drawing constructions help display the area of the squares that can be formed from the sides of the triangles, so the visual students can see the relationships. The algebraic representations will help the students that need to have firm mathematical calculations for proof that the theorem works for all right triangles. |

