



## Coding For Good – Digital Game Design – Senior

### 1. Brainstorm your "game for good" scenario

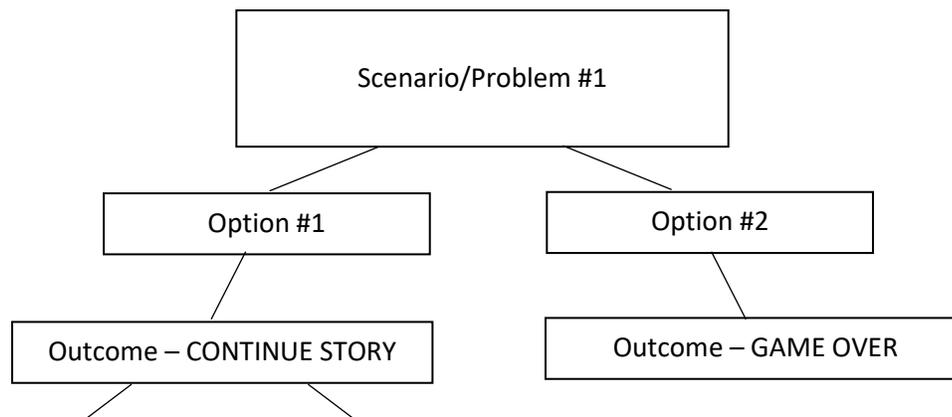
Come up with a few scenarios for your digital game. Where and when does it take place? What are the situations that will be implicated in its story? What options can a player of the game take when facing these situations, and what are the consequences of each option? How can the game be developed into a Take Action project?

### 2. Create a character for your game

Use the linked worksheet to develop a character in your game, both in their personality and physicality. <https://my.girlscouts.org/content/dam/girlscouts-vtk2019/local/aid/meetings/S19DG01/Character-Development.pdf>

### 3. Develop a decision tree for your game

Think of a scenario; for example, your character encounters an interaction between a bully and a younger student. Come up with various options your character could choose in response to this situation, such as “notify a teacher,” “step in between them” or “walk away.” Then, create an outcome for each of these options, such as “the teacher steps in and the bully is punished” or “the bully starts targeting your character, but the bullied student joins your side.” Decide which options lead to the next parts of the game, and which parts result in failure, or GAME OVER.



### 4. Design your game

Continue your Decision Tree from Step 3 until you reach the conclusion of your game. Expand your game as far as you'd like – if you want some scenarios to have three or four options, add them in! Just remember to create outcomes for each new option, and allow the story to flow on from at least one option.

### 5. Playtest and iterate your game

Have a friend play your game by reading out the first scenario and the options for the player to take. Then, follow your friend's decisions through the game. Let them know if they've reached a dead end or GAME OVER, and allow them to start over from the beginning, or return to the last scenario. If you come

to a point that doesn't make much sense or is confusing, adapt your game to make your options more clear. Your friend can provide feedback on your game, so you can make it stronger or take a new direction.

**In order to complete this badge, send a photo or short video of yourself during Step 2 to [ssmith@girlscoutsoaz.org](mailto:ssmith@girlscoutsoaz.org)**

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