Activity 1: Brainstorm your "game for good" scenario

Playing games is something that almost everyone has done. Whether that be online games, board games, or video games, we all know at least one game. What are some things that are good about playing games?

- Gaming is something that many people do for fun.
- It helps people relax.

- Games can teach us new things and even help us see things we may never experience. We can find out about places, people, and situations we might not otherwise know about! For example, you can visit the International Space Station, dive to the deepest parts of the ocean, or visit ancient cities.

Games can also be created to help other people around the world. Many of you have probably played an educational game online! Here are some examples of games for good:

- Games That Were Created for a Cause: Games can be a great way to promote an idea or cause that helps others and the world. For example, the game could be about providing clean drinking water or raising awareness about a social issue, like poverty or global education.
- Games That Help Us Learn: Games can make learning even more fun! For example, codeSpark Academy helps kids learn to write code through games. Other games help people learn to speak another language or do math problems.
- Games That Help Our Health: Some games can help us be healthier. For example, augmented reality games (AR games) use the device's camera to display the real world around you. When you look through the camera, you see the real world as normal. But you also see characters and objects that don't exist in the real world - they've been added by a programmer. Many AR games require the player to walk around their neighborhood, promoting good exercise habits. Other games track your exercise habits as you compete with friends and family.

Can you make a game that creates a positive impact? Brainstorm for a few moments about what your game would be made of and what the rules would be! What would be the "doing good" part of your project?

Could you:

Raise money for a charity? Teach players a new skill? Challenge people to solve problems in their community?

Activity 2: Create a character for your game

Using the resource below, create a character for your game!

What are your character's personality traits? Circle those that apply and add your own.

Shy	Cautious	**Add Your Own:**
Outgoing	Likes to take risks	_____
Wants to take charge	Tends to be a worrier	_____
Wants to work with others	Perfectionist	_____
Free-spirited	Likes to think through every	_____
Innovator	decision	_____
Imaginative	Impulsive	_____
Detail-oriented	Cautious	_____
Bold	Hot-headed	_____
	Calm	_____

How does your character deal with challenges? Circle those that apply and add your own.

Jump right in and deal with it!

Learn more about the problem and make a plan

Go it alone — you're confident you can handle it

Recruit a team to help out

Get upset: turn to a close friend for help and support

Get mad: take action without thinking

Get creative: quickly try several solutions to see what works best

Add your own:

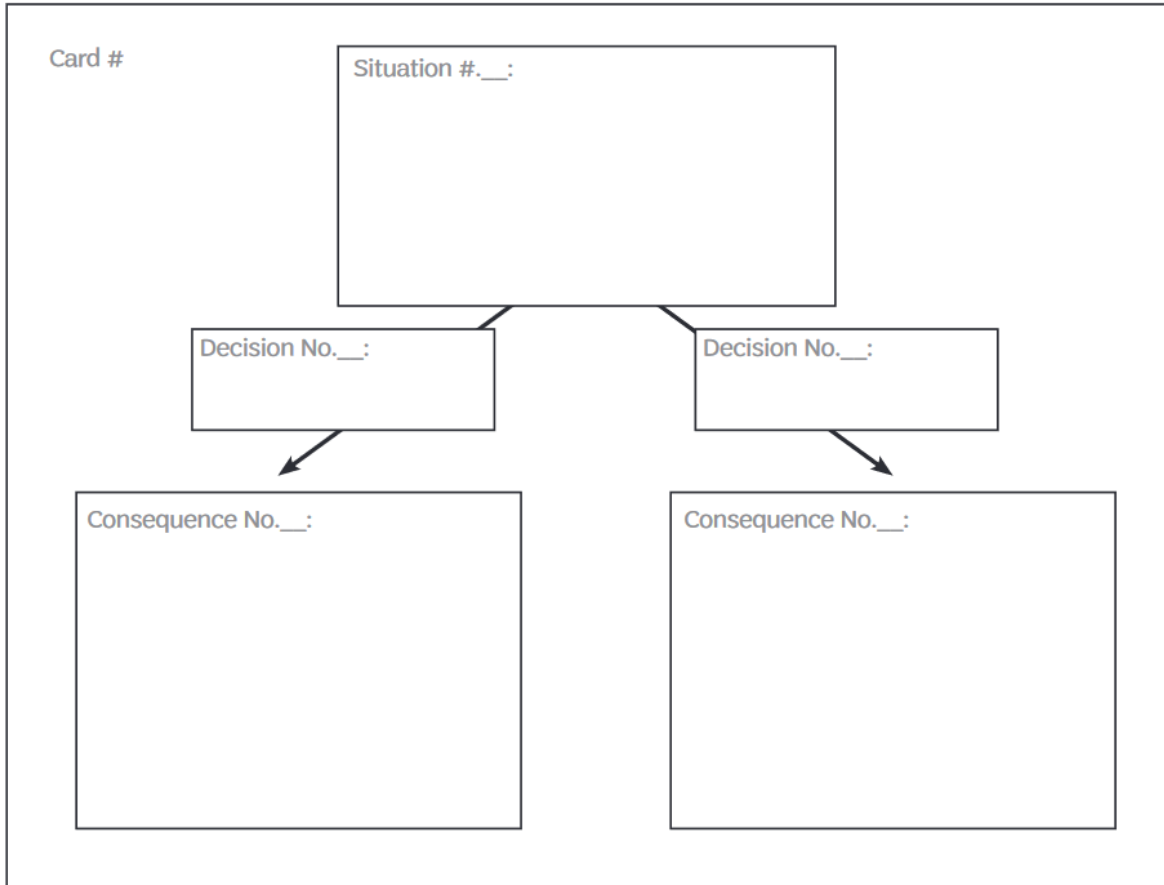_____

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What are your character's special skills?

_____
_____
_____
_____
_____
_____
_____
_____

What does your character look like? Draw them in action on a blank sheet of paper.

Activity 3: Develop a decision tree for your game

Playing online games is all about story telling. In order to tell these stories, characters usually have to make decisions for certain things to happen.

An easy way to plan out your story decisions is to create a decision tree. Using the template below, create one situation that you want to include in your game that involves a decision.

Card #

Situation #.__:

Decision No.__:

Decision No.__:

Consequence No.__:

Consequence No.__:

Activity 4: Design your game

Using as many decision tree templates that you need, create a game that you can play with the character you created! Prepare ahead and know how many decisions need to be made and what those decisions will be. Make sure to have different scenarios for each different decision!

Activity 5: Playtest and iterate your game

Once you've finished your game, play it with a sibling or adult human!

Congratulations! You've completed the Senior Coding for Good 2: Digital Game Design Badge. Click here to purchase it from our store!