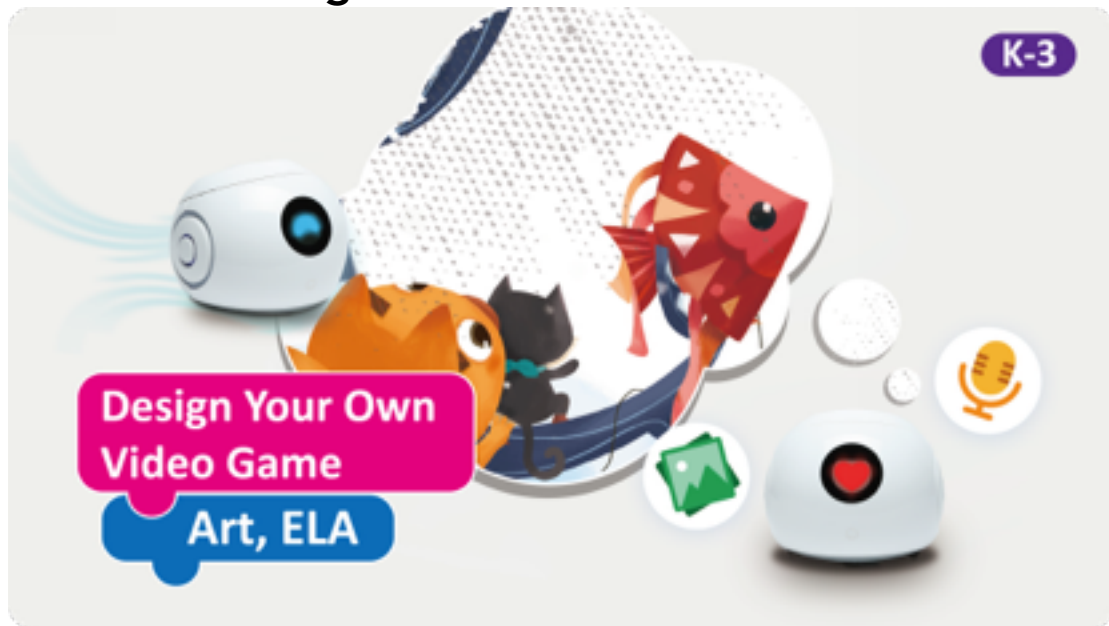


Design Your Own Video Game



Time: Up To 1 Hour **Grades:** Pre-K to 30

In this lesson, you will use Augie’s augmented reality game creator to create your own video game.

SUPPLIES

Augie, iPad

INSTRUCTIONS

1. Getting Started

What is your favorite game? Think about that game. Why do you like it? What are the rules? Is the game hard or easy to win?

Be ready to share your ideas with your class.

[Click to play the video](#)

2. Good Games

You may have noticed that there were a lot of different reasons why the people in your class liked their favorite games. Some people like challenging games. Some like games they can play alone and others like to play with friends. It’s hard to decide what makes a good game.

Real game designers have to decide which things are the best for their game. Do they want things to be hard so games are quick and challenging, but maybe not too challenging? Do they want games to be easier so people can play for a long time?

In this project, you will make decisions like these and then test your game on other people in your class.

3. Augie's Special Powers

If you head to Adventure Mode in the Augie app, you can create your own game. Head over there now and click on the Create button on the left.

4. Your Tools - AR

Along the bottom, there are a few buttons that we can press. The first will insert an enemy onto the screen. If we click on the enemy, we can change its traits: life bar, how quickly it comes back and how quickly it moves. We can also change its look.

The second adds power-ups to help Augie when he's in trouble. They can give him health refills and better protection. You can also edit the traits of power-ups by tapping on them after you insert them.

The last button adds obstacles that stun Augie. Tapping on them lets us adjust how long Augie is stunned.

[Click to play the video](#)

5. Your Tools - UI

If we click on the small circle in the upper right corner with UI inside it, we can add different controls and goals to our game, things like a timer, a score, and a weapon control. We can also move the pieces around to fit our style.

Click the AR circle to head back to game creation.

6. Your Adventure

Now is your chance to make an excellent game for your friends to play. Keep these things in mind:

1. The focus of your game: are you trying to encourage high scores or who can last the longest?
2. Difficulty: Is your game difficult or easy?
3. Speed: Is your game about moving quickly or thinking out a strategy?
4. Is your game fun? Do other people like the things you have chosen to do?

7. Feedback

Once you have your first draft of your game, get together with a partner to try each other's game. Remember the questions in the last step. Give your partner feedback.

8. Revise

Fix any problems that your partner may have had with your game and get ready to present your final draft to the class.

Upload a video of your game in action so everyone can see your amazing work!

[Click to play the video](#)