



Barnes Art Adventures—Grades 5–8

STEAM Art Careers

In this four-episode series, go behind the scenes with gamers, animators, or conservators to learn more about their art forms and the skills needed to prepare for these careers. In each show, students will analyze artworks from the Barnes collection to build the observational skills necessary to communicate ideas visually and then solve a real-world challenge using math, science, and engineering skills.

How do you storyboard a digital world? How do you study fragile artworks? How are these activities related to STEM? Students will investigate these questions and more by working with Barnes educators and interviewing guest artists to understand their work. Our fall session focuses on art conservation; new series begin in January and April. *Runtime: 45 minutes per episode*

Fall 2020 Project Challenge: Art Conservation

EPISODE 1: ART CONSERVATION CHALLENGE

Mondays, October 7, 14, 21, and 28, 1–1:45 pm

Students explore the challenges presented to art conservators when caring for and researching artwork. Students are presented with an issue related to art conservation and are given different ways of considering it. Featured art: Fang culture and Paul Cézanne

EPISODE 2: ART CONSERVATION DEEP DIVE, PART 1

Wednesdays, November 4, 11, and 18, 1–1:45 pm

Students are introduced to the electromagnetic spectrum and how it is used in art conservation tools such as UV scans and X-ray images. What can we learn about artworks using these tools?

Featured art: Dogon culture and Chaim Soutine

EPISODE 3: ART CONSERVATION DEEP DIVE, PART 2

Wednesdays, December 2, 9, and 16, 1–1:45 pm

Students learn how conservators use their knowledge of art materials to find out more about an object—like when, where, and how it was made. We'll look closely at artworks in the collection from Europe and Africa to figure out their history. Featured art: Claude Monet and Pierre-Auguste Renoir

EPISODE 4: ART CONSERVATION: MEET THE PROFESSIONALS

Thursday, December 17 only, 1–2 pm

Take a 360-degree tour of our Conservation Lab. Question the experts about the show's challenge and see the techniques we've learned about in action.