

PROGRAM

Metaverse Literacy and 3D Design

ARTIST NAME

Alex Fernandez



AVAILABLE FORMATS

- Performance
- Single Workshop
- Multi-Session Residency Workshop

GRADE LEVELS

- Pre-K
- K – 2nd
- 3rd – 5th
- 6th – 8th
- 9th – 12th

MAX NUMBER OF PARTICIPANTS

In-Person: 30
Virtual: 10

PROGRAM LENGTH

45-180 minutes

PROGRAM DESCRIPTION

Learn about 3D design and how it connects to the STEAM subjects. Work on building a portfolio while experiencing first hand how the content is used in Virtual Reality, Augmented Reality, and for the Metaverse.

CURRICULUM STANDARDS

This program supports these NYS or Next Generation Learning Standards:

MA:Cr3.1.HSI
MA:Pr5.1.HSI

Contact Arts for Learning WNY for more information.
(716) 881-0917 | info@artsforlearningwny.org

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EDUCATIONAL OBJECTIVES

- Students will be able to:
- Create objects in 3d in VR
 - Describe the Metaverse
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LOGISTICS/EQUIPMENT

Good WIFI and each student will need to have a device to work with TinkerCAD.

VOCABULARY

Virtual Reality - a simulated experience that can be similar to or completely different from the real world.

Augmented Reality - a technology that superimposes a computer-generated image on a user's view of the real world, thus providing a composite view.

Metaverse - a virtual-reality space in which users can interact with a computer-generated environment and other users.

3D - the quality of being three-dimensional

CAD - Computer-aided design. The use of computers to aid in the creation, modification, analysis, or optimization of a design.

POST-PROGRAM ACTIVITIES & RESOURCES

Examples of lessons can be found on vrbuffalo.org



ARTIST BIO

Alex brings an educational background and 10+ years of working with emerging technology to engage students in hands-on interactive workshops. Students will be introduced to Free content creation tools for designing 3D models. Some workshops or residencies may explore 3D printing, Augmented Reality, and Virtual Reality allowing participants to see how these objects and animations may be used with the technology of the future. Learn about 3D world creation and experience the immersion first hand while building your portfolio in the process.

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