

Welcome!

Vinyl Cutting for Your Own Souvenir Shop

Designed for learners in Grades 6-8



Course Description:

Design your very own souvenir shop, complete with a product line! Students in grade 6-8 explore the concepts involved in digital fabrication, where they explore digital designs being made into physical products. The lessons progress with the application of the vinyl onto different products. The final lessons involve students applying their knowledge of digital design and vinyl cutting to create a product line for their own souvenir shop.

Equipment, Curriculum, and Training Available:

- 15 Lesson Hours
- Curriculum and supporting materials
- Ongoing product and curriculum support
- Professional development
- Facilitation by a trained STEM instructor (optional)

Lesson	Learning Target Examples
1. Vinyl Cutting - The Basics	Observe various uses of vinyl cutting in your daily lives.
2. Digital Fabrication	Compare traditional and digital art as you navigate 2D modeling software.
3. Vector Graphics	Model vector and raster images and determine their uses in digital design.
4. 2D Graphic Design	Implement graphic design software skills to re-create popular images and icons.
5. The Impact of Marketing	Observe impactful logos to make inferences about audience and product.
6. The Cricut Machine	Create personal logos using the cricut digital fabrication machine.
7. Permanent and Heat Transfer Vinyl	Experiment with different types of vinyl application.
8. Layered Vinyl	Explore layering vinyl and the added opportunities to advance your design.
9. Designing Stencil Art	Implement digital design and vinyl cutting techniques to design stencil art.
10. Stencil Art Application	Apply stencil design to canvas to produce a themed art piece.
11. Manufacturing	Model the manufacturing process and experiment with increasing efficiency.
12. Souvenir Shop Design	Collaboratively design a souvenir shop for a specific audience, theme, and location.
13. Creating a Product Line	Implement digital design and vinyl cutting skills to create a full product line.
14. Marketing your Shop	Apply vinyl designs to your product line to sell your souvenir shop idea.
15. Souvenir Shop Showcase	We're open! Present your souvenir shop ideas to investors.