3Doodler EDU
Design Challenge

Tell Your Story
Facilitator's Guide

⚐ The Challenge

Pick an event in your life and use the 3Doodler pen and plastic to create a three-dimensional relief quilt panel.

👁 Overview

🕑 **Total Time: 250 minutes (4 Class Periods) + Homework Assignment**

This Challenge asks participants to draw upon their personal experience to tell a story about a significant event in their life. Working with written descriptions, photographs and storyboarding will help with developing the image that students will use for the final panel.

Note: the first excercise could be completed as a take-home assignment to prepare for Classes 1 & 2.

⧗ Challenge Background

Fig 1.

Fig 2.

Fig 3.

We often think that no one wants to hear about our personal stories or that our lives are too boring to share. But we all have memories of the first time we did something scary or our first day in a new place. The most interesting stories come from what happens in our everyday lives. We have stories about our families, friends, things we like to do, hobbies and special events. Some of our stories are happy and some are sad. From the earliest of times, people have been telling stories with pictures, from the cave paintings of Lascaux, France over 20,000 years ago, to the relief sculptures of ancient Rome, Greece and Egypt, to the quilts of Harriet Powers depicting her experiences of slavery.

✂ Materials & Tools

A. 3Doodler Pens and Plastic Strands of various colors (one per student, or have students work in pairs or small groups)
B. Tools (from your 3Doodler box) plus needle-nose pliers or scissors for snipping plastic ends
C. Clear plastic tape or DoodlePad for Doodling foundation
D. Paper for Doodling foundation and extra sketching/note-taking space
E. Drawing utensils (markers, pens or pencils)
F. Camera or video recording device to document the Challenge and results
G. Personal items to attach or weave into your quilt
H. Yarn ribbon, or twine for connecting panels together

🗒 Challenge Organization

Challenges are organized into 50-minute periods so they can fit into a traditional classroom structure, or be combined into a single workshop with breaks in between activities. This Challenge is designed to have participants work in short sprints to quickly explore the concepts.

📓 Homework Assignment: Imagine
⏱ **Total Time: 50 min.**

🔍 Imagine (⏱ 50 min.)

Step 1: Think of an important memory or event in your life and answer the following questions:
- Who participated in the event?
- What were you and others doing?
- When and where did the event take place?
- Was it in a building or outside?
- What was the time of day, date, and the time of year this took place?
- How old were you?
- Is there a photograph or a memento of this event that can be used for inspiration?

Step 2: Your assignment is to write down your answers to these questions in a journal or mood board, and using personal photographs and inspirational images, drawings, and/or a small memento to represent this event or memory.

✍ Facilitator's Notes

In this homework assignment, have participants work the day before the Design & Plan portion of the Challenge. Have participants use a journal or create a mood board to write their responses and provide images or drawings for each question. The drawings can be of the actual event or can be abstract to capture the feelings of the storyteller.

🖥 Class 1: Design & Plan
⏱ **Total Time: 50 min.**

🖌 Design & Plan (⏱ 50 min.)

Step 1: On a piece of paper or graph paper, draw a shape no larger than 8" in any direction. This can be a square, rectangle, circle, trapezoid or free form. This shape will act as your 3Doodling drawing template. Repeat this four (4) times so you have a template for each part of your scene: background, foreground, characters and details.

Step 2: Using pencil or pen, draw the scene of this event as you remember it. Draw each part separately in its corresponding template.

✍ Facilitator's Notes

In Class 1, participants will be creating a template image of their memory. Participants may use a single photo or a collage of images to make their panel. You can either set a standard size and shape or use the parameters provided. It will be helpful to have access to a photocopier or printer to replicate the images, as each part will be separated for foreground, background, characters and props.

⌨ Class 2: Build
🕐 Total Time: 50 min.

⊞ Build (🕐 50 min.)

✂ **Remember to Snip Those Ends**

We recommend pliers or scissors for snipping plastic ends. Make sure to keep your plastic ends clean to prevent clogs and jams. Snip plastic after removing it from the 3Doodler pen to make sure it's clean for the next time.

Step 1: Select the 3Doodler plastic colors and types for each part of your picture.

Step 2: Doodle the four different parts of the scene. Assemble your scene into one overlapping piece so that all parts (background, foreground, characters and details) are connected.

✎ **Facilitator's Notes**
In Class 2, participants will spend the time constructing each part of their panel which was prepared in Class 1. The build period may take longer than expected for some participants, depending on the complexity of their design. Work with participants to strategize how to Doodle their pieces. Decide if the group needs more time to complete this part of the assignment.

⌨ Class 3:Present, Reflect & Assemble
🕐 Total Time: 50 min.

⅄ Present & Reflect (🕐 30 min.)

Step 1: Provide a title and a written description telling the story behind your panel.

Step 2: Now, arrange all of the panels in a grid on the floor so that all of the participants can see the various panels and stories. Each participant will talk briefly about his or her story. Discuss if there are common themes (colors, compositions or topics) between the panels and how the panels can be sorted or grouped together.

Step 3: Arrange panels into the groups that best reflect their theme. This might result in several smaller group quilts or a single quilt. Decide together as a class.

Step 4: Document the arrangement and decision process to provide valuable insights into the group's creative and collaborative process.

✎ **Facilitator's Notes**
In Class 3, guide the participants through a Present & Reflect activity using some of the prompts in Step 1 and Step 2. Make sure there is enough space for all of the panels to be placed on the floor. Allow students to talk about the common themes they see and encourage them to move the panels around to create the final class composition.

⊞ Assemble (🕐 20 min.)

Step 1: Once the groups have settled on an arrangement provide 6" pieces of yarn, ribbon or twine to tie the panels together.

Step 2: Hang up the quilt(s) and document the final outcome.

⑦More Information:

For further information and inspiration about how quilts tell stories, visit:

- http://wonderopolis.org/wonder/how-do-quilts-tell-stories

For further information and inspiration the quilts of the African American artist Harriet Powers, visit:

- http://www.historyofquilts.com/hpowers.html

For further information about understanding foreground and background in art, visit:

- http://www.getty.edu/education/teachers/classroom_resources/curricula/landscapes/lesson02.html