Transcript 6

[6 HOW TO Turn a Tactile Drawing Film Drawing Into PIAF Image - sharpie method](https://youtu.be/GZKm_2XeIxo)

This is the sixth video in providing tactile graphic-rich environments for preschool and elementary students. This is a how-to. We'll be talking about transcribing a tactile drawing film drawing done on the APH Draftsman by going over the tactile lines with a Sharpie pen. This drawing of a cat done on tactile drawing film was reproduced on swell paper. It's more visually accessible. The tactile drawing film is awkward to work with, it's slippery, it's hard to put into projects, and if it's not on a dark background the tactile lines are not very visible.

This is a photo of projects displayed in the classroom. The kids have made “I Am” posters with words and drawings. Logan's includes him playing a video game and a picture of his dog. The images made onto swell paper are very clear visually. As we discussed in part three of this series Upper Elementary, representing a student's work in the classroom and around the school is an important social bridge.

Students are also doing projects that involve drawing. For this book Logan made, *The New Dragon*, we were able to reproduce the images and make multiple copies.

Here's the how to:

First, go over the tactile lines with a Sharpie pen. Here's a drawing I'm in the process of outlining. I'm just taking a Sharpie and drawing over or next to the tactile lines - following the lines that the student made. …

Video: (Jessica talking as she traces the tactile lines with a sharpie pen.)

Jessica: . . .In the shape of a rectangle, and there are sets of talons here, like bird claws or talons and a couple big round eyes. There is a mouth or a beak. He makes teeth so there's big teeth in there in a zigzag pattern. There we go.

Two, place the drawing film with the Sharpie outline on a piece of white paper and scan it with a smartphone or iOS device. Now you have a digital clean black and white PDF. Or use a copier to copy the drawing and make a clean black and white print.

We can also make the image right onto swell paper by using a PIAF pen or fabric marker or other drawing tool that works on swell paper and raises the line after it goes through the machine. Here's how I scanned it and made it a PDF.

Video tutorial: (iPad with Scanner Pro app)

Jessica: I’m using Scanner Pro. I’m going to be off the camera a little bit as I line that up and snap that. (Takes photo) I'm going to check my margins here so that it's set up nicely. So, I'll hit done it's going to process that and there I have my PDF.

Here's the process of tracing it onto swell paper using a light box and a PIAF pen or fabric marker.

Video: (Light box with traced drawing film with the Swell paper taped on top of the drawing film)

Jessica: I have a light box here I'm going to use it to trace the tactile drawing film image that I went over with the Sharpie. I'm going to put my swell paper on that I think I'll put a little piece of tape on the edges just to keep things stable, and I'll turn on the light box and I can start to trace.

Video:

Jessica: I have the video sped up. It took about 30 seconds to just trace this drawing that's not very complicated. Of course, to trace it you could also put it up in a bright window.

Three, print PDF onto swell paper or copy the printed PDF onto swell paper. If you've already drawn on the swell paper with the PIAF or fabric marker pen, then you're ready to go to step four.

Video: (Image is on the iPad)

Jessica: Okay so I have the line drawing that I've traced with the black lines and I can go ahead and hit print. Before I do that, I'll make sure I have my swell paper in the printer. So let me hit print, it's coming out of the printer now. There's my dark lines on the swell paper. 

Four, run swell paper print through PIAF machine.

Video:

Jessica: I can bring it over to the PIAF machine that I already turned on and just run it through. It’s coming out the other side. (beep) Now we have some great lines on there. I feel the teeth.

Jessica: I'm going to run through the one I used the pen on. It looks and feels good. We've turned the drawing that was on drawing film very quickly into a reproducible graphic that can be put into a book or used in other projects or shared with more than one person.