



**TRUArt®**  
**15-30W Pyrography Pen**  
**User Manual**

# Table of Contents

<a href="#"><u>Foreword</u></a>	3
<a href="#"><u>Warranty</u></a>	3
<a href="#"><u>Operation safety</u></a>	4
<a href="#"><u>Features</u></a>	5
<a href="#"><u>Using your pyrography pen</u></a>	5
<a href="#"><u>Nibs and their uses</u></a>	6
<a href="#"><u>Embossing Tips/Stamps and Their Burn Marks</u></a>	7
<a href="#"><u>Preventing common issues</u></a>	7
<a href="#"><u>Laser-printed design transferring</u></a>	9
<a href="#"><u>Going About Your First Project</u></a>	13
<a href="#"><u>Stencils</u></a>	16

thank you!

for purchasing our  
TRUArt Woodburner Bundle!

**We stand behind all our products and if you**  
are not 100% satisfied, simply email us at  
[hello@truart.co](mailto:hello@truart.co) and we will make it right for you!

This manual contains **VERY IMPORTANT**  
information about your wood burning kit.

Please read it carefully.

### **One Year Limited Warranty**

TRUArt LLC warrants this product to be free from defects in material and workmanship existing at the time of manufacture for a period of one year from the date of initial purchase (sales receipt is required for proof of purchase). If such a defect is discovered during the limited warranty period, we will, at our sole option, repair or replace your product at no cost to you.

# TRUArt Pyrography Pen

Register your purchase at <https://truart.co/register>

to get access to warranty, complimentary tutorials, stencils and updates.

## Symbols used in this manual



Wear eye protection



Wear protective gloves



Read the manual



**CAUTION!**  
Very hot!



## Operation Safety for your Pyrography Pen

- Before plugging the tool into an electrical outlet, ensure that the power switch is set to the “0” position
- After you finish your work, be sure to unplug the tool from the electrical outlet
- Allow the tool to cool down completely before storing it
- Rest the tool on the provided stand during breaks or when cooling it down for storage
- Do not leave the tool unsupervised
- Keep the tool away from children
- Do not expose the tool to water and moisture
- The tool is designed for indoor use only
- Do not touch the heating element or nib when the tool is hot. Danger of burns!
- Use the tool only in well ventilated room
- Do not eat or drink whilst working with the tool
- Always wash your hands thoroughly after finishing work
- This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the tool by the person responsible for their safety



## Features



- |                    |                           |                    |
|--------------------|---------------------------|--------------------|
| 1. Heating element | 5. Knife blade            | 8. Handle          |
| 2. Nibs            | 6. Collet for knife blade | 9. Cable with plug |
| 3. Stamps          | 7. Stand                  | 10. Power switch   |
| 4. Soldering tip   |                           |                    |



## Using Your Pyrography Pen



Set up a safe work area. You can tape the stand to a piece of ceramic tile. The tile is heavy enough to keep the iron stand from tipping over while it protects the work surface. Protect your work surface with aluminum foil, a homasote work board, or a piece of plywood.



We do not recommend handling tips while they're hot but should you find the need to do so, you will need a fireproof container like a glass dish or metal lid to hold your various tips while they are cooling. You will also need a pair of needle nose pliers with smooth jaws to remove the hot tips from the tool. Remember that metal conducts heat very quickly. Never attempt to change a hot nib with your fingers.

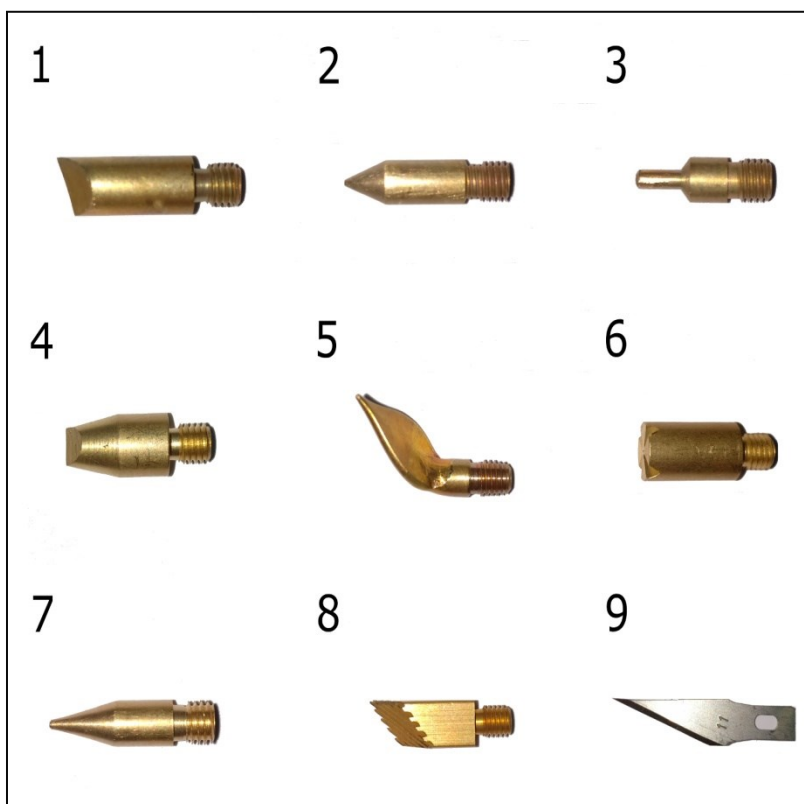
Plug in the tool, set switch to 30W and allow about five minutes to heat up. You may see a little smoke come out. This is normal during first use. Hold the tool like you would a pencil. Do not touch any of the metal parts as they are hot. Start by writing your name. Then practice pulling the point toward you instead of pushing it away. You can vary the appearance of the pattern by the amount of time you leave the nib on the surface and by the pressure applied to the tip. The longer the nib stays on the surface the deeper and darker the pattern will appear. The brown shading is

affected by the speed of the nib across the surface. The smoother the surface of the material, the clearer and finer the design will appear.

The best way to get started is to familiarize yourself with the tool, the various nibs and the patterns they create. See the **Nibs and Their Uses** section for an explanation of how to use each nib included with your new kit. After you have practiced a while, make a sample board as a reminder of patterns you can create using different tips and techniques. This will make it fun and easy to complete a new project with an interesting display of "pyrography techniques".

## Nibs and Their Uses

Your new TRUArt pyrography pen comes with a wide variety of burning, cutting, branding, and specialty nibs. To get the most from your kit, you can use this guide to get an idea of what they are for.



**1. Universal nib** — multi-purpose nib. Hold the nib at different angles to create lines of varying widths.

**2. Dot nib** —for making dots of various sizes and depths. Make light touches to your surface for fine dots. Hold it longer on your surface for deep holes.

**3. Groove nib** —for burning grooves of various depths. Move slowly across your work for deeper grooves.

**4. Calligraphy nib** — this nib mimics the shape of a calligraphy pen. Do not allow the pen to rotate in your hand as you trace your calligraphy letters

**5. Pattern transfer nib** —this nib is best used for transferring printed patterns (stencils) unto your surface. Refer to Laser-printed design transferring (Page 11) for guidance on how to create stencils.

**6. Branding nib** —apply these tips vertically on your project surface and remove them vertically as well to make a distinct pattern.

**7. Stencil cutting nib** —use this nib to cut craft pattern stencils from Mylar or other stencil material.

**8. Stripes nib**— lightly press and slowly slide to make stripes. You can try varying the number of lines by adjusting the angle.

**9. Knife bin**—to install the knife blade unto the iron, carefully insert the blade into the collet. Insert and thread in the collet into the pyrography pen’s barrel and tighten. Use this specialty nib to cut foam, rope or other soft rigid materials.

## Embossing Tips/Stamps and Their Burn Marks

Embossing tips or stamps are a great way to enhance or spruce up a wood burning project. Care should be taken when using them. Since some pressure would be needed especially when working on softer surfaces such as leather, the direction of the pressure should always be perpendicular to your work piece. For instance, if your stamping on a table, the pen must be going straight down to the surface - never from a sideways or skewed angle.



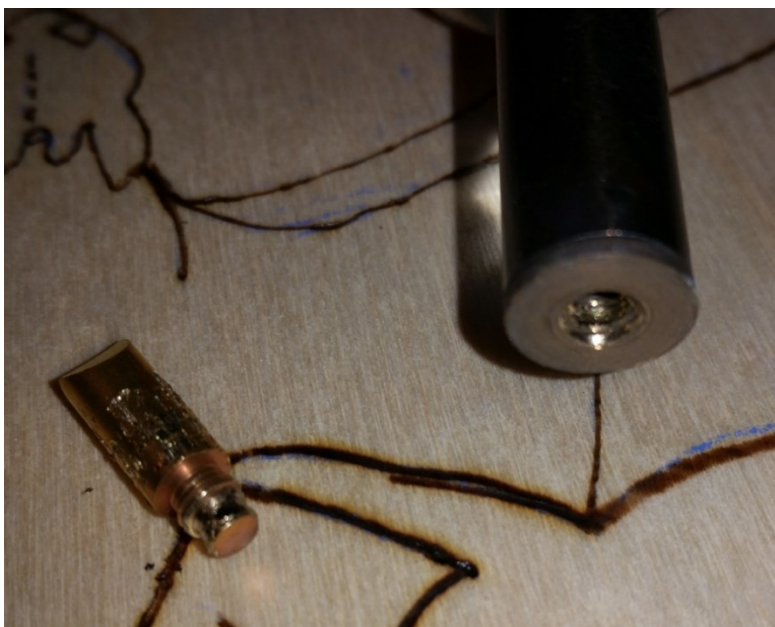
# Preventing Common Issues

We have been selling this product for several years and customers love it. However, some customers have experienced issues with the nibs which render the entire pen inoperative. Please read below on how you can avoid the same issues.

Some customers contact us after bending or breaking a nib inside the wood burner barrel. After much research we were able to narrow it down to 3 main causes:

1. Overtightening nib or tightening nib while tip/pen is hot.
2. Applying too much pressure on the tip.
3. Nib is not fully screwed in

**Overtightening** most often happens when using pliers to tighten up the tip. REMEMBER, with pliers, apply just enough force to securely screw the nib into the nib holder (to prevent it from loosening up during the burning process) but avoid applying any excessive force.



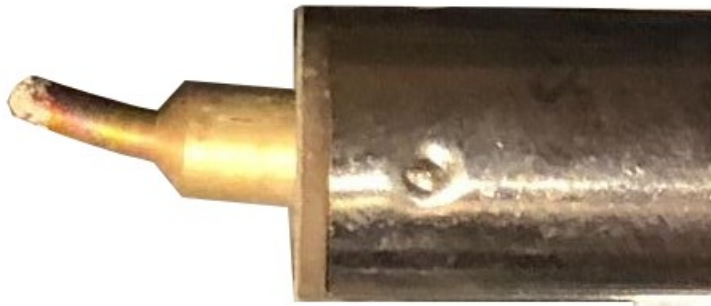
If you experience nib loosening after some use, then while the nib is cold (i.e. you can hold it with your hands), screw it in using your hands and make, at most, a 1/16 of a turn using a pair of pliers. Remember, if you are leaving marks, dents or scratches on the nib while tightening, you are applying too much force.

As we have mentioned earlier, we do not recommend that you re-tighten nib while it is hot. In 99% of cases this will seize the nib inside the barrel for good, rendering the entire pen inoperative.

**Putting too much** pressure on the nib is usually done to increase the amount of heat transferred to the wood to try and either speed up the burning process.

Tips are made of brass. While this metal is great for heat transfer and has very good heating response, it gets softer as temperature rises. While you're burning, remember to only put minimal amount of pressure on the tip. You should always be burning with the heat, and not with the pressure. To increase the amount of burn use slower strokes instead of pressing harder (your hand will also thank you for that).





The most efficient burning is achieved if you let the heat do its work. Pyrography professionals barely apply any pressure but lightly glide the hot nib on the work piece allowing the heat to gradually make the desired burn.

**When nibs aren't fully screwed in**, they will bend and eventually break when hot. Furthermore, improperly screwed-in nibs will not heat up as fast or as efficiently as those that are properly set in.

**Incorrect**



**Correct**



## Laser-printed Design Transferring

For those who feel that their freehand drawing is not as good as they want it to be, laser printers offer a very convenient way to overcome that challenge. Below is a detailed guide on how to transfer laser printed patterns onto our work surface.

You need to remember when printing out your pattern, you have to mirror the image first. This is important as you will be placing it printed side down on your work surface. This will matter a lot especially when your design includes words or letters.

What you need:

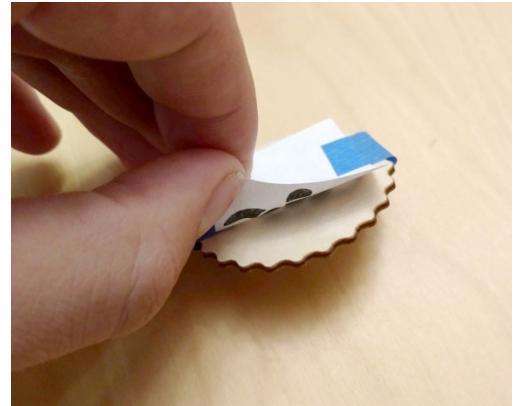
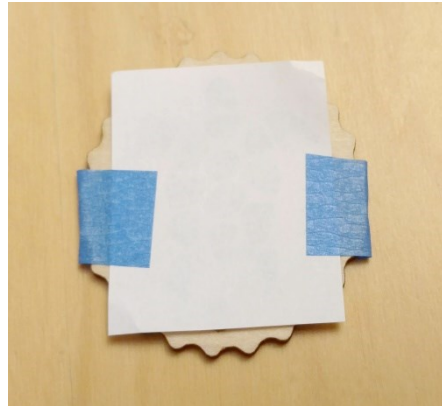
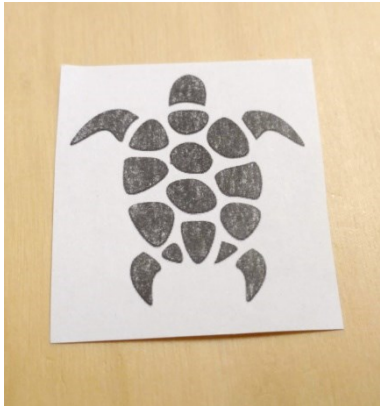
- Pattern printout
- Scissors if you need to cut the pattern out of the printout
- Your TRUArt Pyrography pen
- Pattern transfer nib
- Pyrography pen holder
- Adhesive tape
- Your work piece



First you need to ensure that the **Pattern transfer nib** is firmly in place in the pyrography pen. Following that, plug in your pen to a power outlet and switch it on to the 15W setting. Leave it resting on its holder while it heats up.

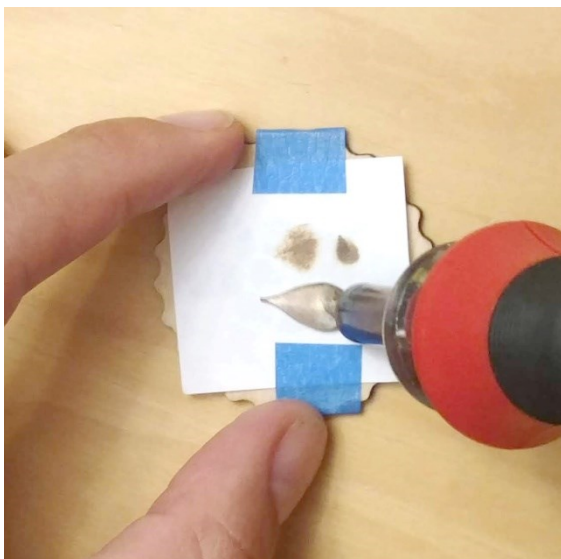


While your pyrography pen is heating up, take your pattern and place it printed side down onto your work surface. Fasten it to your work surface with adhesive tape. If your pattern is small cut it out from the printout using your scissors. It is also a good idea to not fasten everything down so you can check the progress of your transfer and repeat a spot if necessary.



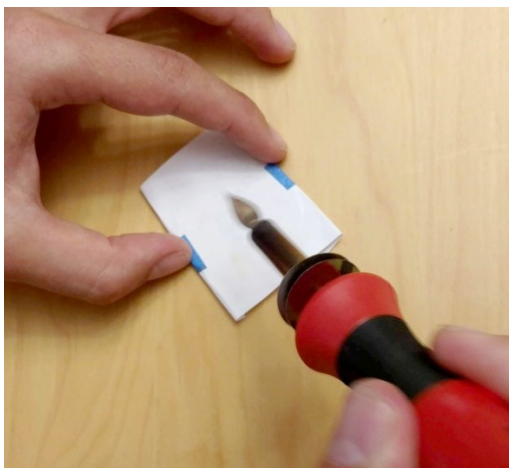
Once your pyrography pen is hot enough, slowly rub the back of the pattern in a circular motion. This transfers the ink to your project's surface. Do not hold on one spot for too long as you might burn the paper and the wood beneath it.

**Incorrect**



(Burned ink and work surface)

**Correct**



Periodically check your transfer progress. Once you're satisfied with pattern transferred on your work surface, it is now ready for wood burning. Switch off your pyrography pen and allow it to cool down.

Once your pen has cooled down enough to the touch, replace the Pattern transfer nib with one that would fit the wood burning task.

Switch it back on to a suitable power level and start burning the wood following the pattern you just transferred.



Note: The work piece used here for the turtle wood burning project is an **Edgy circle untreated die cut** available on our [website](#) and on our [Amazon store](#). These come in packets of four pieces. Other designs are also available.

# Going About Your First Project

Ready to begin your first project?

Here's an easy Beginner's Tutorial by Andrea from [Pate's Pyrography](#) to get you started in the right direction.

If you are looking for a way to create a very beautiful and professional looking burning, I have some tips to help you along the way.

What you will need:

1. TRUArt pyrography pen
2. Wood of your choice
3. Colored ballpoint pen
4. Carbon tracing paper
5. Tape
6. Image/design to burn
7. Magic eraser
8. Sandpaper
9. Stain
10. Varnish

Take the time to find the right image to burn. Make sure the size of the image works well with the piece of wood you choose. Be mindful of the type of wood you choose. Try sticking to a soft wood such as birch wood, basswood or even a simple plywood. Sand your wood surface down prior to use to ensure that the image you use will burn evenly. Do not burn on treated or painted wood. This can be harmful to your health if the fumes are inhaled.



Get some tape, carbon transfer paper and a colored pen. Find the center of your wood and place your image on the desired location. Tape the top of your image onto the wood to prevent it from shifting. Slide the carbon paper underneath your image (glossy side down).

Take out your pen and trace the image. I like using a pen because I feel like I don't have to add as much pressure while I'm tracing the image. It is useful to use a colored pen so that you can see the area that was already traced.



Once the image has been completely transferred, gently lift the bottom portion of the design to ensure that you have traced the whole image onto the wood. If so, remove the paper.

When burning the image, start at a lower heat and slowly increase the temperature as needed. If you start too hot, you will get an uneven burn and possible burn marks outside your design. Do not press down hard while burning. If you feel the need to push down hard on the wood with the pen in order to get the desired darkness/shade, your temperature is too low and needs to be increased.



Once you have completed the burning, you may have some marks left on your wood from where you traced your design. These markings can't simply be erased with a regular eraser. Get a magic eraser. Add only a little water to the eraser and gently rub in a circular motion evenly across the wood. If you don't, you will have splotchy marks on your wood when you stain. If that happens, simply sand the wood down on those areas. If the image smears with the eraser, you may be rubbing too hard. Gently rub the eraser on the smudges until they're gone. Let the wood completely dry.

To give the wood a finished look, add a little stain on it. Be sure not to add too much stain or too dark of a stain or the image will fade into the wood. To protect the image from darkening over time, varnish the wood with polyurethane or resin.

Now, all you have to do is enjoy all your hard work. Keep practicing and be patient with yourself. Hang in there, you'll get it. I wish you the best of luck and I will see you next time on [truart.co](http://truart.co) with some more tips to help you along the way.



You can find more works by Pate's Pyrography at

<https://patespyrography.weebly.com/>

For more inspiration and wood burning ideas, visit our Instagram and our

Facebook page

<https://www.instagram.com/truarthq/>

<https://web.facebook.com/truarthq/>

## Stencils

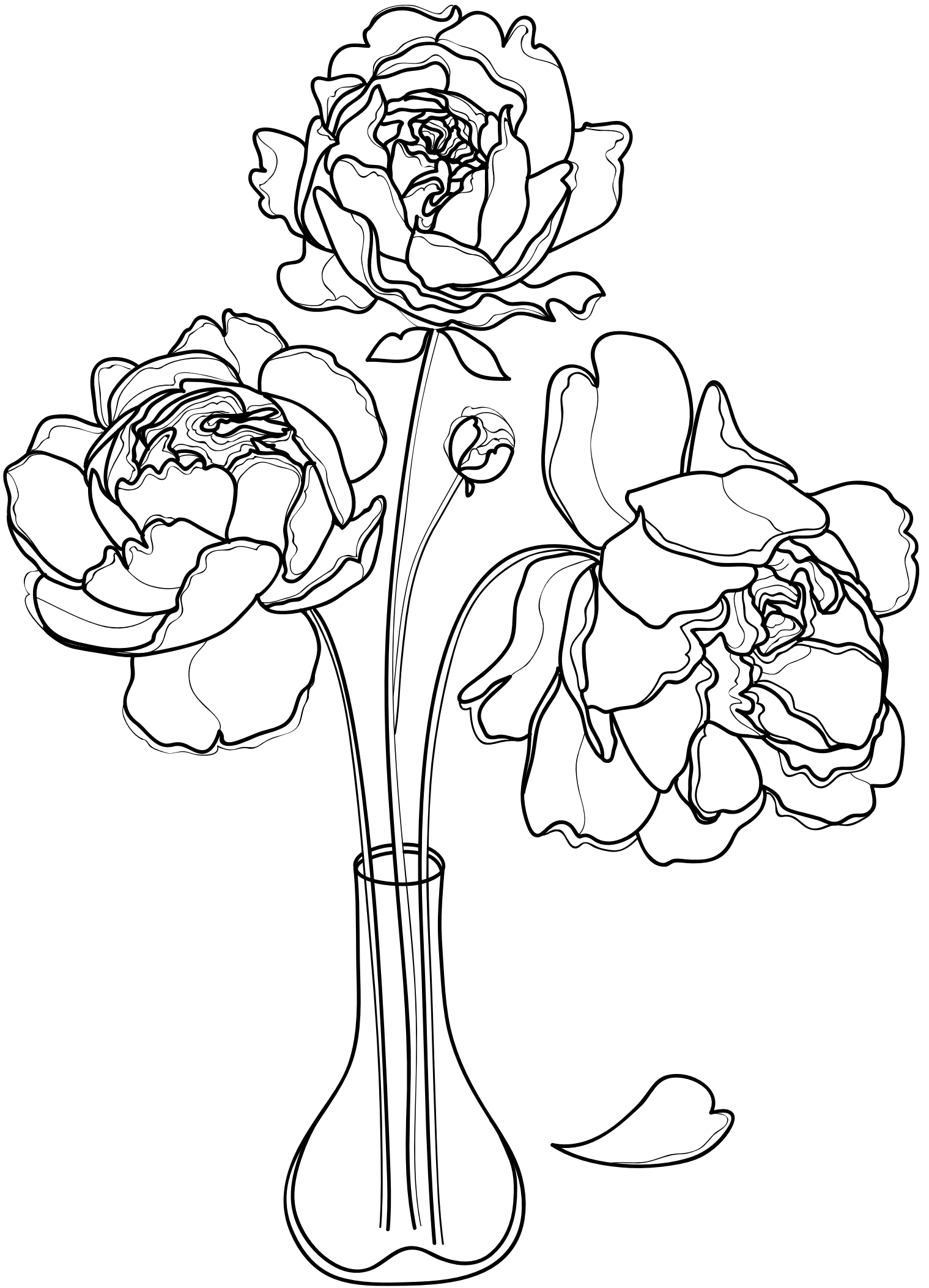
We have added a few original stencils in this manual as a kick starter for you. They do not require any advanced skills such as shading and texturing but feel free to feel adventurous with them. These are mainly for you to get used to using your new TRUArt pyrography pen and different nibs yet still serve as nice little decors or mementos.

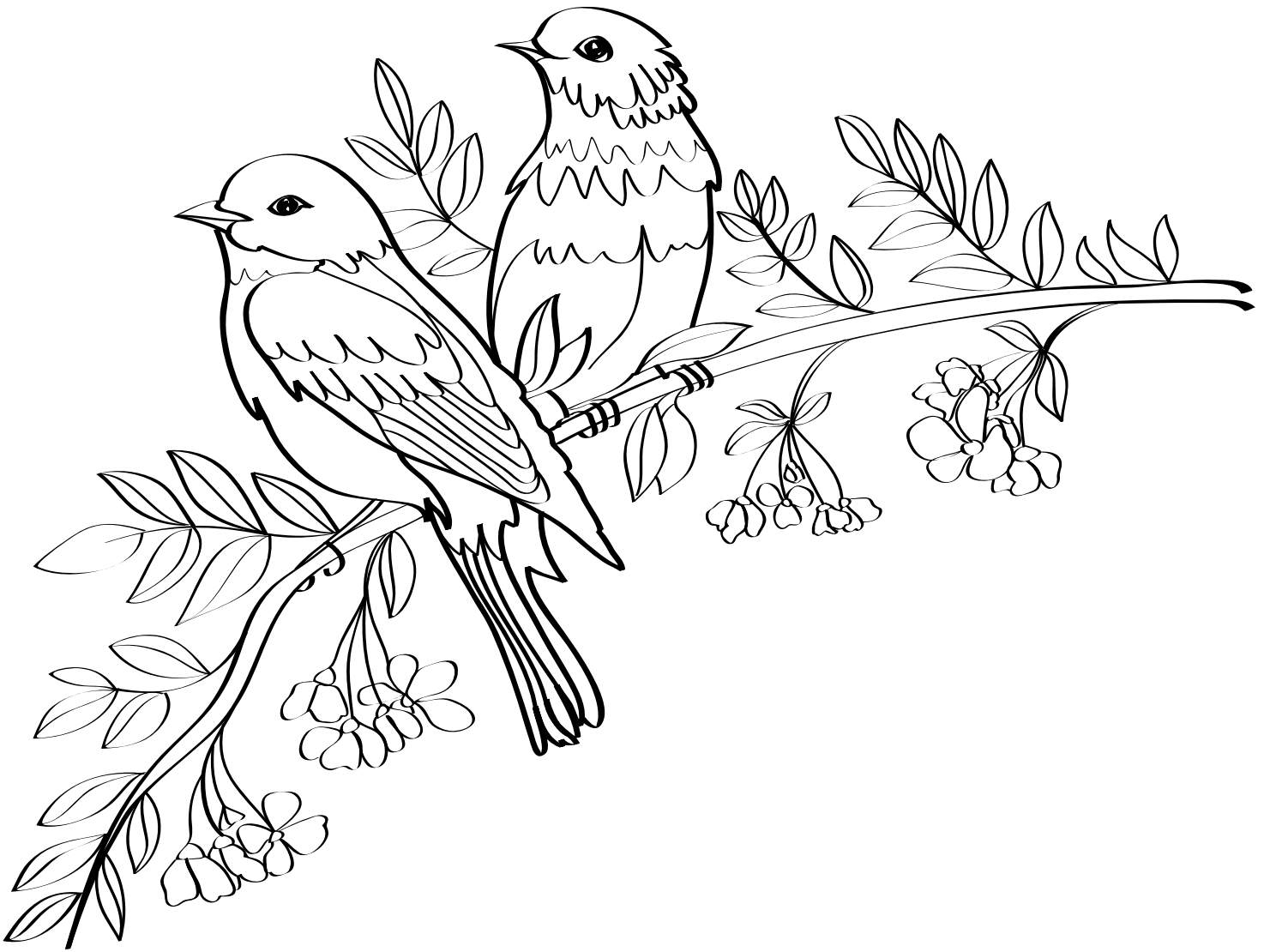
### How to use these stencils

Using Carbon Transfer Tracing Paper

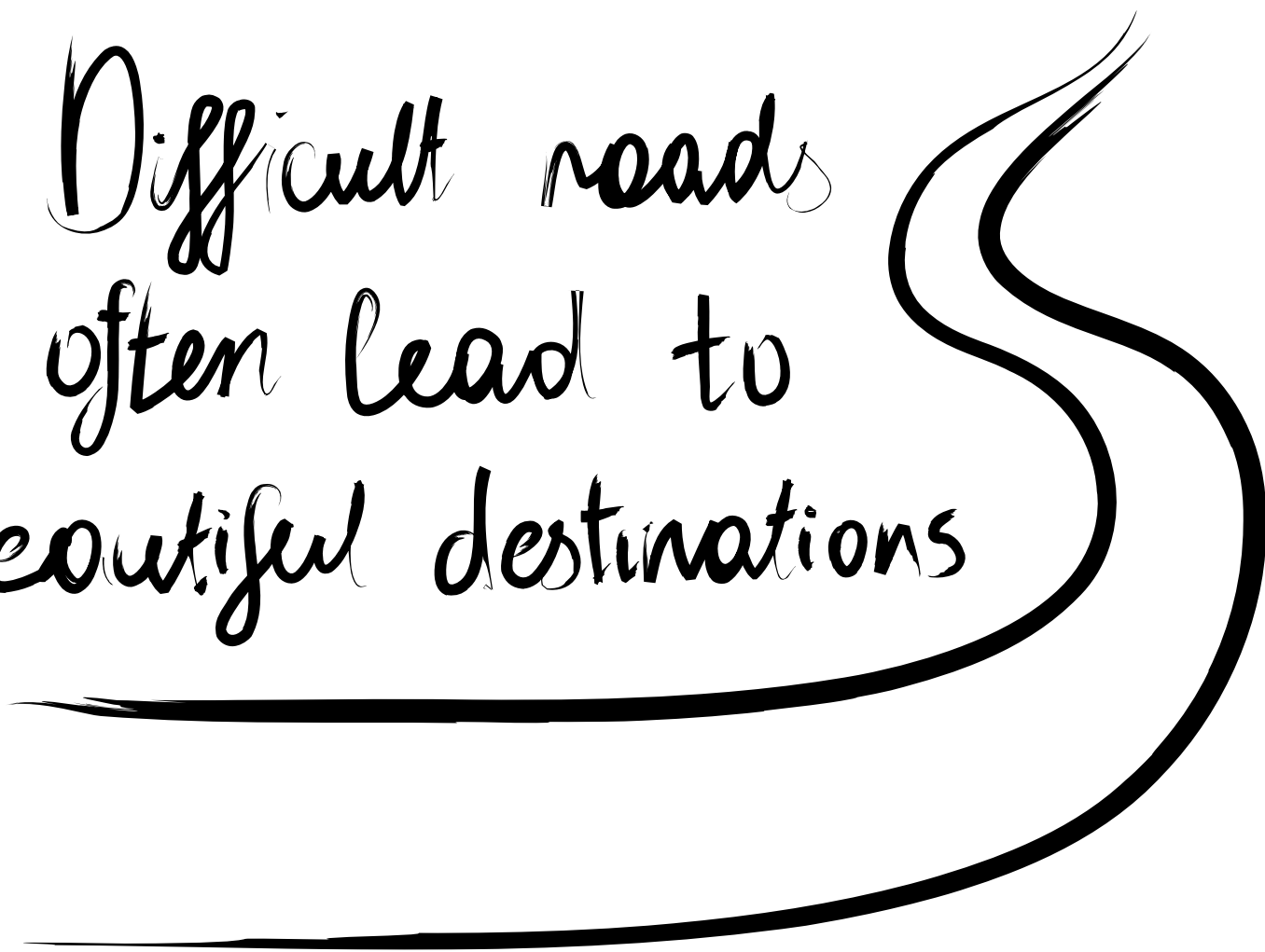
1. Place a carbon transfer tracing paper, with the carbon facing down, on your workpiece (wood, gourd or leather)
2. Place your chosen stencil (refer to [Laser-printed Design Transferring](#)) carefully on top of the carbon paper. DO NOT apply any pressure when positioning the tracing paper and this manual. You may want to secure the tracing paper and the stencil unto the work surface with strips of adhesive tape.
3. With a ball point pen, start tracing the outline of your chosen stencil being careful to ONLY APPLY MINIMAL PRESSURE on the pen, since carbon trace is hard to remove from the wood surface later. It is better to have very fine lines to cover with your burning rather than thick ones.
4. Once the tracing is complete, carefully lift the tracing stencil and transfer paper off the workpiece.
5. With your TRUArt pyrography pen, start burning the transferred outline on your work piece.







Difficult roads  
often lead to  
beautiful destinations

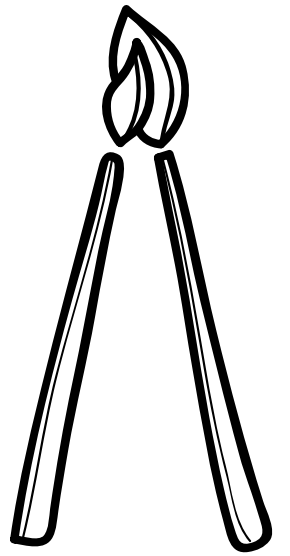




When it rains     
  look for rainbows. 

When it's dark   
  look for stars.

A candle loses  
NOTHING  
by lighting  
another candle



When someone told me  
I lived in a fantasy land  
I nearly fell off  
my UNICORN





Everyone  
has  
a chapter

they  
don't read  
out loud.



Live your life  
by a compass



not a clock.

Say yes to

new

adventures



make TODAY

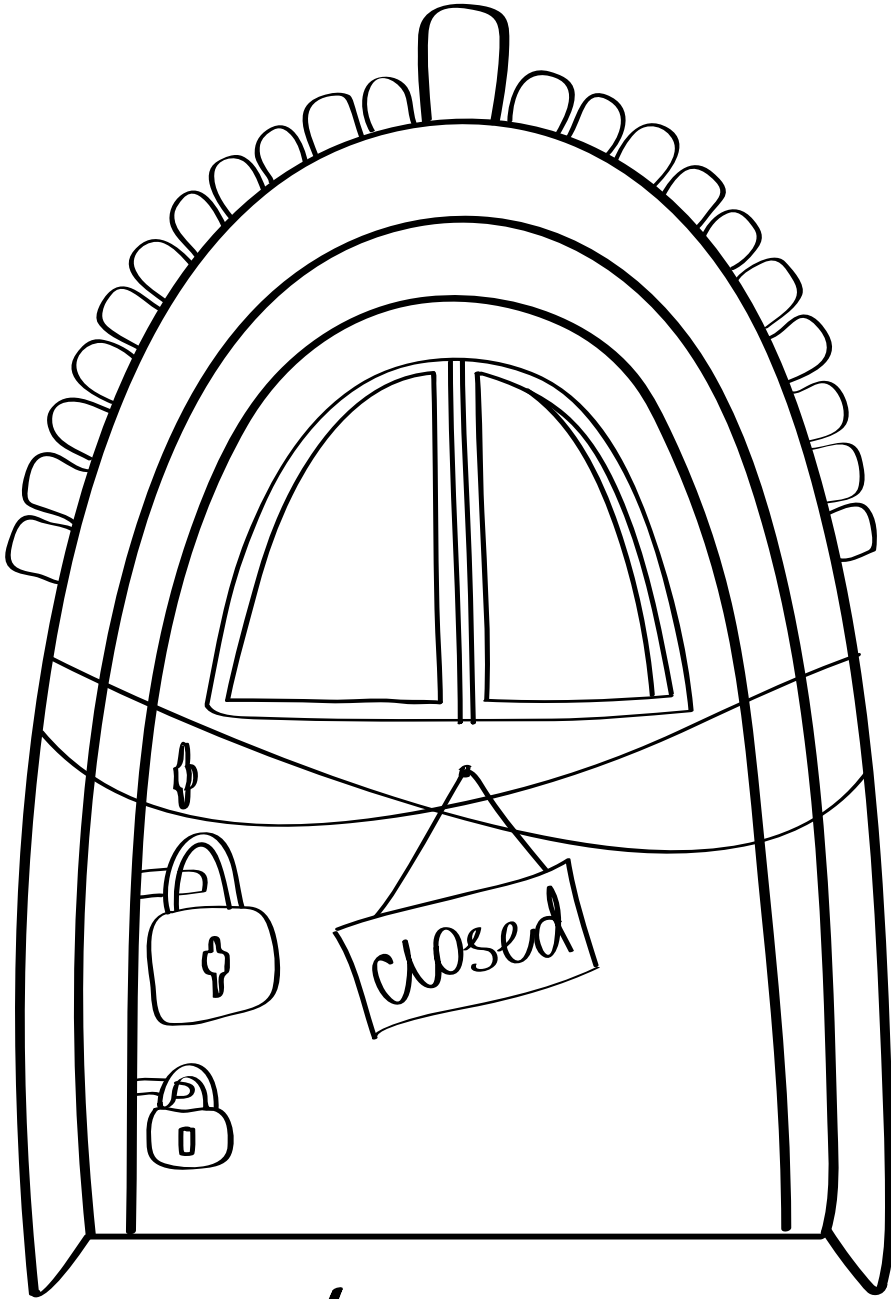
SO

AWESOME

yesterday gets

JEALOUS

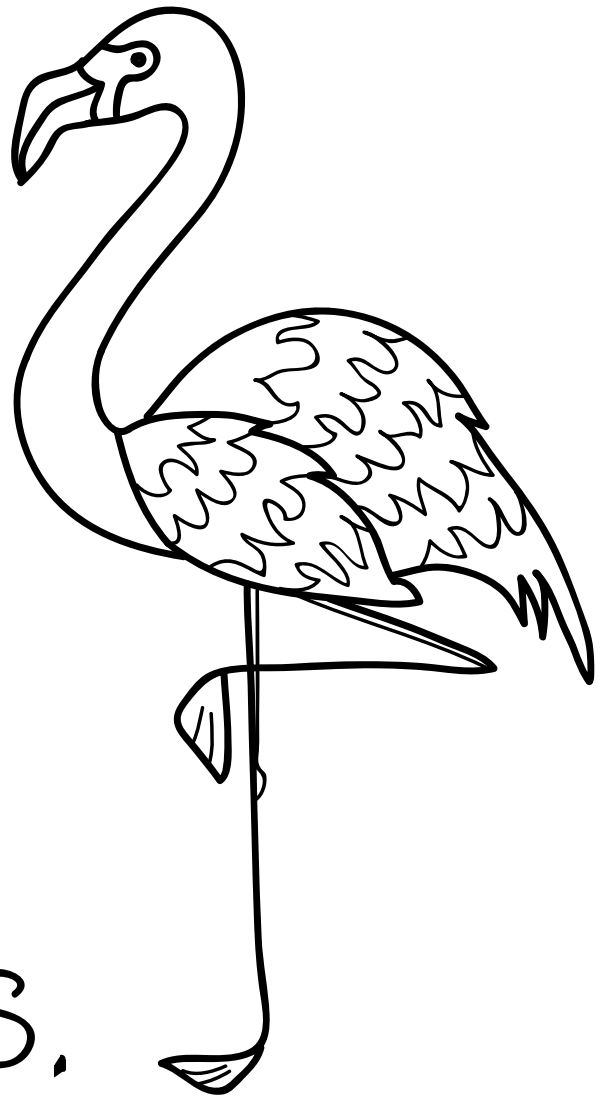
If it doesn't open...



it's not your door.

Do small   
= things =  
 with   
great love

Be a  
flamingo  
in a flock  
of pigeons.



These exclusive TRUArt stencils, and more, are all available for download for free on our website so you can scale, modify and print them at your convenience.

<https://truart.co/stencils>

We hope this guide will help you have the best wood burning experience possible. If you have any questions or issues, please do not hesitate to reach out to us through email at [hello@truart.co](mailto:hello@truart.co). We will always be here to help you out.