A punch needle tool is a long needle with a hollow stem, a beveled point, and a large eye. Yarn is threaded through the hollow stem of the needle and inserted through the eye. The point of the needle is punched through a woven foundation fabric, creating loops of yarn. There are many types of punch needle tools. Want to try something new with your embroidery? Give punch needle a go with these fun and fresh patterns and kits! Punch needle embroidery isn't new, but it is popular once again, and it's looking modern with bright colors and popular motifs. Unlike traditional embroidery, a punch needle doesn't require lots of different stitch techniques. You just push the punch needle tool (and yarn or thread) through the fabric for each stitch. The process takes a little practice, but once you get it, you'll be stitching faster than ever and creating fun textures with embroidery!

Start and finish your first needle felting project in one day! This book will teach you everything you need to know about needle felting with cute projects disguised as sequential lessons that will take you from beginner to advanced needle felter in one complete course. Needle felting is the fastest growing, new fiber art in the world. We will mentor you through every part of the needle felting process with details, tips and visual tutorials. For the beginner needing the basics to the more advanced felter, this book is packed with inspiration and instruction!
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For the creative felter seeking to add to their knowledge and technical skills, this book can guide you into needle felting mastery with its many adorable project lessons (hearts, chipmunk, rabbit, dog and more) and extensive chapters on wool, needles and basic techniques. Both 3-dimensional sculptures and 2-dimensional landscapes (wool paintings) are included. Sweet & Simple Needle Felted Animals provides detailed instructions to create your own cute and cuddly collection of needle felted pets, barnyard buddies and mascots. These adorable furry figurines make beautiful gifts and accessories that you can carry around or wear. This DIY felting book includes step-by-step instructional color photos and texts that couldn't be easier to follow. It shows you how to make the central shape, attach the components, add the details and then attach the finding. And voila! Your accessory is ready to be worn and appreciated! The animals you can make include: A playful Kitten A sweet miniature Dachshund Puppy A mommy Pig and her Baby Piglet A downy Duck and Ducklings A saucy Squirrel A friendly Chipmunk A pair of adorable White Bunnies A trio of brightly-colored Parakeets A fairytale Bear And a host of other tiny mascots and charms With over 20 charming projects, great techniques and helpful tips—this is a craft book that felting beginners and experts alike will enjoy and treasure!

Autumn comes to Camden Falls -- bringing new friends, new teachers, new worries, and new challenges. It's autumn in Camden Falls, and Flora and Ruby are just starting to settle into the town. Flora is worried about spending the first Thanksgiving without their parents. Ruby is worried about getting a part in her school musical. And their new friends, Olivia and Nikki, are facing problems of their own. But the friendship that ties them together will also give them the strength to work things out -- one stitch at a time.

Discover a fresh take on a traditional craft in this ultimate introduction to the art of punch needling. Giving this forgotten craft a modern twist is author Arounna Khounnoraj (aka Bookhou). One of Canada's most sought after mentors and creatives, she has caused a social media storm with her beautiful images and videos featuring her modern interpretation of this craft. In Punch Needle Workshop she shows you how to create your own floral and abstract designs, teaches the basic stitches and guides you in mastering punch needling through a stylish collection of 20 homeware and accessory projects. It won't take long to ace, as this is one of the most straightforward crafts to pick up – all you need is your hands, a ball of yarn, some fabric, and a punch needle. Discover how to create stunning cushions, wall art, bags, a blanket and an impressive rug with the help of illustrated step-by-steps, pattern charts and inspirational project photography. Each piece
Access Free Needle

highlights Arounna’s beautiful botanical and abstract pattern work, sense of color and combination of stitches, which bring this age-old technique bang up to date. Arounna also shows you how to develop and translate your own designs into beautiful pieces to feature around your home. So once you have mastered the basics, you can begin to design your own creations; the possibilities are endless.

WALL STREET JOURNAL BESTSELLER! Harness the “power of can’t” to make your big, impossible dreams a reality with help from a creative entrepreneur who’s turned her quirky passion into a global force. People always ask Shelley Brander what possessed her to leave the successful advertising firm she founded with her husband to open a local yarn store. And then they wonder how that one storefront grew into an e-commerce business, and from there into a global movement to Knit the World Together. In Move the Needle, Shelley shares stories from her life to show that you can pursue your life’s passions—both personal and professional—no matter how quirky or impossible they may seem to everyone around you.

Whether you are an entrenched or aspiring entrepreneur, or have a passion that just won’t let you go, Shelley shares lessons from her journey that reveal how to: • Put your passion first and make your creative side hustle your main gig • Recognize the true value of creativity and experimentation • Have hope against all odds • Surround yourself with supportive people • Cut ties with those who weigh you down • Believe in the power of your weird, impossible dream! In Move the Needle, Shelley invites you to embrace your passion and hold space for your seemingly improbable (but totally possible) goals, dreams, and purpose.

Among the enduring stereotypes of early American history has been the colonial Goodwife, perpetually spinning, sewing, darning, and quilting, answering all of her family’s textile needs. But the Goodwife of popular historical imagination obscures as much as she reveals; the icon appears to explain early American women’s labor history, while at the same time allowing it to go unexplained. Tensions of class and gender recede, and the largest artisanal trade open to early American women is obscured in the guise of domesticity. In this book, Marla R. Miller illuminates the significance of women’s work in the clothing trades of the early Republic. Drawing on diaries, reminiscences, letters, ledgers, and material culture, she explores the contours of working women’s lives in rural New England, offering a nuanced view of their varied ranks and roles—skilled and unskilled, black and white, artisanal and laboring—as producers and consumers, clients and craftswomen, employers and employees.

A craft richly steeped in history and tradition, punch needle is changing the global craft landscape so quickly, it’s hard to
While many crafts take a whole lot of time and effort to master, you can pick up a punch needle and complete a project in less than an hour, with no prior skill needed. It requires just one easy-to-use tool, a background fabric, an embroidery hoop or frame, and yarn. Punched pieces make excellent wall hangings, pillows, ornaments, stool covers, chair cushions, purses/pouches, baby play mats, and much more! If you can imagine it – you can do it. Simple and easy, punch needle is an approach to creating personal and home décor projects that just require you know how to hold a pen. It's like paint by number…with yarn!

The worldwide phenomenon from the bestselling author of The Pillars of the Earth, World Without End, A Column of Fire, and The Evening and the Morning His code name was “The Needle.” He was a German aristocrat of extraordinary intelligence—a master spy with a legacy of violence in his blood, and the object of the most desperate manhunt in history. But his fate lay in the hands of a young and vulnerable English woman, whose loyalty, if swayed, would assure his freedom—and win the war for the Nazis.

To unravel any mystery, find the knot. When Delphine, a young orphaned dressmaker mouse living in the walls of Cinderella’s château, stumbles upon an enormous secret, it upends everything she thought she knew: The magical tailor mice of legend really existed. Racing to stay ahead of King Midnight, the fearsome leader of the rats who is bent on harnessing age-old magic, Delphine embarks on an epic quest to uncover the truth about the past. Joined by Alexander, the most pompous noblemouse in the royal court, she travels a perilous route, encountering strange enemies and unlikely allies along the way. Can Delphine uncover the truth and save the kingdom? Or will the evil King Midnight succeed in harnessing the power of the tailor mice? This action-packed novel is sure to be a hit with readers who like magic, adventure, and very tiny heroes with very big hearts.

In this book, crafters can make adorable birds, including popular parakeets and parrots, or an easily made, wearable brooch. This book reports on research on and experience with needle exchange and bleach distribution programs and their effects on rates of drug use, the behavior of injection drug users, and the spread of HIV and other infectious diseases among
His code name was The Needle. He was a tall, handsome German aristocrat of extraordinary intelligence—England's most valuable spy.

When we let the goals and measures of success override our investment in our people, team members perceive themselves as a means to an end, a product to be consumed, to achieve some stated objective, not the objective itself. Move the Needle is Robb Holman's attempt at taking a closer look at why we must prioritize people over procedures for better results.

The definitive guide to wool applique and embroidery! Welcome to beloved designer Lisa Bongean's private classroom! Toss the trial-and-error and learn from Lisa's decades of experience how she creates her exquisite stitcheries step by step: wool applique, embroidery, and more. Filled with close-up photos of Lisa's hands working her magic, this book will help you master each technique down to the tiniest detail. Start with Lisa's fabric tips; then move on to her favorite tools, templates, threads, and needles. How does she create her slim vines, pretty pennies, and flower appliques? It's all here, along with a dozen embroidery stitches in photos so clear, you'll know exactly how to re-create them. Lisa also shares five sweet projects to make yourself, rounding out this jam-packed volume that will teach you how to start, stitch, and finish your projects more accurately, more confidently, and more beautifully than ever before.

A Wheedle goes to great lengths to prevent the people of Seattle from disturbing his sleep.
dangerous enemy. He knew the secret that could win the war for Hitler.

Needles are commonly used in many medical procedures to sample blood and tissue, inject drugs and anesthetics, and implant radioactive seeds among other uses. The procedures of brachytherapy cancer treatment and tissue biopsy utilize needles to reach precise locations inside the body. However, due to high insertion forces, high accuracy is difficult to achieve. Previous researchers have demonstrated that vibration can reduce these high needle insertion forces. However, little research has currently focused on how the dynamic motions of vibration and velocity effect needle insertion force. This dissertation directly fills this void in knowledge to help reduce needle insertion force, which increases needle position accuracy. This research creates a further understanding of how velocity and vibration affect needle insertion force. This work also presents experimental results and force modeling of dynamic needle insertions. Based on this research, a novel compliant needle is designed and developed that utilizes vibration to reduce insertion forces. Three major topics are explored in this research: fracture mechanics model development, analysis of vibrational effect on insertion force, and the development of a novel compliant needle geometry to reduce needle insertion force. Firstly, a fracture mechanics model was developed that allowed for the understanding of how fracture force, tissue spreading force, and friction force impact the overall needle insertion force over a range of velocities (1-80 mm/s). The parameters of tissue toughness and tissue shear modulus were experimentally tested on ex vivo porcine skin. Model results showed the total needle insertion force was comprised of 70% tearing force which was dependent on the fracture toughness, 13% spreading force which was dependent on the shear modulus, and the remaining 17% friction force. To analyze the effect of vibration on insertion force, two needle insertion experiments were performed. First, lancet hypodermic needles were inserted into ex vivo porcine skin with applied vibration. The insertion force was reduced up to 35% with the application of vibration compared to insertion without applied vibration. Next, experiments were performed using five conical tipped needles of varying grind angle sharpness between 15° and 75°. These needles were inserted with applied vibration into ex vivo bovine liver and polyurethane sheets. The experiments into bovine liver showed that any vibratory combination of amplitude and frequency reduced the insertion force of the sharpest needle, grind angle of 15°, by an average of 55.1% compared to the insertion of the needle without applied vibration. However, the bluntest geometry needle, grind angle of 75°, had no significant reduction in bovine liver insertion force from applied vibration compared to the insertion without vibration. The experiments into polyurethane reinforced these findings that sharper needles benefit more from vibration in reducing insertion force compared to blunter needles. Lastly, a novel compliant geometry was developed that transforms applied axial vibration into transverse motion at the needle tip. The needle geometry consisted of four grind planes to create the tip...
Access Free Needle

Finite element modal analysis was performed on this needle tip geometry to determine the motion upon vibration. Experimentally the motion was measured using a stereomicroscope to be 16.0 \( \mu \text{m} \) in the transverse direction for the compliant geometry. Experiments showed the compliant needle was able to reduce the puncture and friction forces of insertion (18.8\% and 71.0\% respectively) compared to a standard non-compliant needle without applied vibration. This was due to the crack length in the skin simulant increasing by 190\% with the compliant needle over the non-compliant needle, allowing the compliant needle to pass through the crack with less force. This reduced friction force can improve needle placement accuracy, thereby improving the efficacy of needle based procedures such as biopsy and brachytherapy.

"Jin's three needle therapy pertains to acupuncture point combinations (for instance, three nose points, three ear points, and three stomach points) developed from Professor Jin's experience obtained from his about 50 years of clinical practice. Professor Jin and his students summarized and verified 40 groups of point combinations, resulting in what has come to be known as "Jin's three needle therapy." This system has been well accepted by practitioners and patients in China and other countries around the world--Foreword.

Here's the revised 3rd Edition of the critically acclaimed guide to diagnostic decisions. This comprehensive, up-to-date atlas illustrates the main diagnostic criteria and the common problems and pitfalls in fine needle aspiration cytology. New edition of the leading benchside guide to FNA cytology - a technique which has seen an explosion of interest over recent years A book that reflects the collective clinical experience of the authors. It provides answers to the diagnostic questions and problems that the pathologist encounters in daily practice Superb high-quality illustrations of both common and uncommon conditions guide the pathologist to a quick and accurate diagnosis Correlates both cytological and histopathological specimens - reflects the modern clinical practice of pathology Addresses the use of both Diff-Quick and Papanicolaou stains Addition of 2 brand new chapters (on techniques and pediatric tumours) All chapters revised and up-dated Expanded coverage of the chapters on Head and Neck, and Breast. Reorganisation of text into smaller, more accessible chapters Increased coverage of uncommon conditions
Pursuant to a congressional request, GAO reviewed needle exchange programs’ effectiveness in reducing the spread of the human immunodeficiency virus (HIV), focusing on: (1) the success of domestic and international needle exchange programs; (2) the credibility of a Yale University forecasting model that estimates the impact of needle exchange programs on the spread of HIV; and (3) whether federal funds could be allocated for needle exchange program studies and demonstrations. GAO found that: (1) six of the nine needle exchange projects examined provided information on the rate of needle sharing, prevalence of injection drug use, and frequency of injection; (2) two projects indicated that needle exchange programs were associated with reduced needle sharing among intravenous drug users, while one project reported an increase in needle sharing; (3) five projects reported no evidence of increased drug use because of greater needle availability; (4) seven projects reported successes in referring intravenous drug users to drug treatment and other health services, but not all drug users were able to obtain treatment; (5) the Yale University forecasting model, which claimed that needle exchange programs could reduce HIV transmissions by about 33 percent, was credible, technically sound, and reasonable; (6) the reduction in HIV transmissions stemmed from the program’s ability to lessen the opportunity for needles to become infected, shared, or infect uninfected drug users; (7) the Yale University model relied on a data collection system that monitored the amount of needles distributed and returned, identified the drug user and needle exchanges, and analyzed residual blood in returned needles for HIV infection; and (8) Congress has specifically restricted the use of appropriated funds for needle exchange programs, but GAO believes that federal funds could be used for needle exchange studies and demonstrations.
If you want to get better at punch needling sitting at home, without paying $40+ every month for online courses, then read on. Do you want to level up your punch needle skills? Do you want to express your creativity and make your own designs? Do you feel ready to share and sell your crafts, but can't find a place to do so? If your answer is yes, then this book is for you!

Inside this book you'll discover:

- How to dye your own wool in 6 steps, and get the exact color you want
- Top 10 finishing tips to improve your punch needle creations
- NOW A step-by-step guide on how to start punch needle rug hooking
- How to play with different types, textures, and stitch sizes of yarn
- The top place to sell your punch needle creations for top prices
- How to make floral and abstract designs in 6 steps
- The top 3 suppliers for intermediate level materials

This book is for the artist that is interested in making something that can be passed down as an heirloom for generations to come!

Here are the answers to some questions you might have about this book:

Q: Can I do the projects inside your book, if I've only done the most basic punch needle patterns before? A: Absolutely. As written above, inside this book you'll discover projects (from old-fashioned rug hooking to landscape and grape patterns) that will help you in becoming better at punch needling, even if you have only made the most basic patterns before!

Q: Does your book include punch needle rug hooking projects? A: Yes. This book has 3 different rug hooking projects.

Q: I feel like I have too many hobbies and not enough time. How quickly can I pick up the skills needed to be an intermediate level punch needling artist? A: You can become better instantly, by applying my simple and short yet highly effective 'hacks' to get better at punch needle. Satisfy your bug to punch needle today. Grab your punch needle and take action now! Scroll up and add this book to your cart!

For quilters yearning to work with wool and wanting to learn from the master, Lisa Bongean of Primitive Gatherings is here to help. In her first book, Wool, Needle & Thread, Lisa shares all her tried-and-true techniques--from start to fabulous finish--with dozens of step-by-step photos and a handful of projects. Now, in Wool, Needle & Thread 2, you can put all those stitchery skills into action with 15 patterns brimming with possibilities from table mats and pincushions to pillows and wall hangings. It's a maker's delight.

Kahn divides his book into four parts, each dealing with a discrete period of the city's sewing industries. Part 1, Springing Up, describes colonial foundations and the mid-nineteenth-century confluence of European immigrants with sewing skills, improved rail transportation, and the perfection of tools. Part 2, Summer of Content, covers the post-Civil War period, including World War I. Part 3, Fall, comes after the end of World War I, as manufacturing and distribution in Baltimore's needle trades begin to cool, never again to be the city's leading industries. Part 4 is truly a Winter Setting. Changes occur in...
manner of dress which are compatible with modern lifestyles, and incursions from the Orient inflict the deathblow to the

Punch needle embroidery may be a type of embroidery. It's also associated with rug hooking. This system goes back many
hundreds, or even perhaps thousands of years, but it's remained popular and takes on looks from primitive to modern, and
there are such a large number of patterns and kits to choose from. Instead of sewing through the material, a punch needle
pushes thread or yarn into the fabric whilst retaining the needle at the surface.