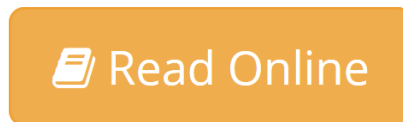


How Patterns Work: The Fundamental Principles of Pattern Making and Sewing in Fashion Design

By Assemblil Books



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When you are trying to learn something new, the best teachers are often the ones who will walk you slowly through all of the basics in a way that is straightforward and easy to understand. It is this approach to learning that has led us to create "How Patterns Work", so that those who wish to learn pattern making can have a simplified and streamlined introduction to all of the fundamental principles that lie at the core of pattern making.

If you have tried to learn pattern making in the past and felt daunted by the complex drawings and measurements, or are a sewer who has felt ill equipped to make even the simplest changes to patterns, then this is the ideal book for you. We believe that by having a solid understanding of the basic terms and processes of pattern making then you will be able to make simple pattern changes yourself, and be able to apply the same ideas to more complex pattern changes in the future. No previous knowledge of pattern making is required. Chapters start from zero assumed knowledge and build slowly in complexity with step-by-step examples and clear diagrams.

Please note that this book does not include paper patterns and does not cover specific pattern or block drafting exercises from measurements. Instead, this book will provide you with an overview to simplify the way you think about pattern making, arming you with knowledge that can be applied to any pattern change.

As an introductory book, "How Patterns Work" has been designed to work as a companion alongside more complex pattern drafting books. In a way, the first half of the book is almost like a long form dictionary of pattern terms to help provide a thorough explanation of all the different features of patterns such as grain lines, seam allowances, darts and notches. All of the examples are discussed in relation to how the pattern will ultimately be sewn, so that the principles become more relevant to real sewn garments.

The first section of the book will answer questions such as:

- What are darts and how do they work with the curves of the body?

- What is seam allowance and how much should you add to your pattern?
- How are body measurements used to create accurate patterns?
- What are blocks or slopers and how are they different to patterns?
- What do the basic blocks look like?

The second half of the book shows a range of pattern making changes that can be learnt separately and can then be applied in different combinations to any garment patterns to suit your own pattern making needs. The reason why these pattern changes have been shown away from specific garments is to enable you to focus on the logic behind the pattern change, instead of becoming confused by the actual shape of the garment, or being distracted by working out body measurements.

All of the examples listed below are shown using both the cut and spread, and the pivot flat pattern making methods, and then also shown as a draped section of fabric on a mannequin, allowing you to really see the pattern changes as both a flat pattern, and in a more tangible 3D form. The examples that are covered in this section include:

- Adding and removing a seam line.
- Moving the position of a dart.
- Turning darts into seam lines and vice versa.
- Increasing and decreasing volume evenly.
- Increasing and decreasing volume around a point.
- Using darts to increase volume.

While the book can often appear very simple, our approach has been that when you are really stuck on a part of the pattern making process and you feel like you are not quite "getting it", then a longer explanation with detailed diagrams can help the idea to really click, making it easier for you to apply the same pattern change in future.

"How Patterns Work" has been designed with:

- Over 70,000 words of text content.
- Over 250 diagrams in crisp black, white and grey.
- A clear table of contents for easy reference.

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Editorial Review

Review

"The illustrations are clearly developed, and together with the descriptions in plain language, make links evident between various parts of the flat patternmaking process in a way that is easy to follow. I recommend this text alongside other flat patternmaking texts to enable various modes of learning in our first year flat patternmaking subjects. It is great to also be able to recommend the e-book version, and this has been received well by the students."

- Donna Sgro, Fashion Lecturer

From the Author

Assembl is a fashion innovation company.

We believe that the fashion industry needs a rethink, and that every step in the creation of fashion has the potential to be re-imagined using new techniques and new technology. Future Assembl projects will examine the way that fashion is taught, designed, manufactured, distributed, consumed and appreciated, and offer alternative solutions to traditional models. Unlike other creative industries, fashion has been slow to embrace the nimble nature of digital products and services. We believe that one of the ways that technology can be better utilised in the fashion industry is in the way that people learn about the design and construction of fashion.

We believe in the power of great design, but professional quality design has traditionally been expensive or out of reach for most people. We want to change this. We're passionate about helping people of all abilities to design and make their own high quality fashion by giving them access to the necessary skills and knowledge to create beautifully crafted clothing. For this reason, our first project begins in the world of fashion education, with our first product being a streamlined pattern making book developed specifically for digital devices. We hope that you enjoy reading "How Patterns Work".

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Robert Doyle:

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Warren Bowers:

Playing with family in a very park, coming to see the coastal world or hanging out with buddies is thing that usually you have done when you have spare time, after that why you don't try point that really opposite from that. One particular activity that make you not feeling tired but still relaxing, trilling like on roller coaster you have been ride on and with addition of knowledge. Even you love How Patterns Work: The Fundamental Principles of Pattern Making and Sewing in Fashion Design, you can enjoy both. It is excellent combination right, you still would like to miss it? What kind of hang-out type is it? Oh can occur its mind hangout guys. What? Still don't obtain it, oh come on its identified as reading friends.

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