

CJ' s Training Camp: Sustainability

Lesson 3

Who makes my clothes?



Kahoot!

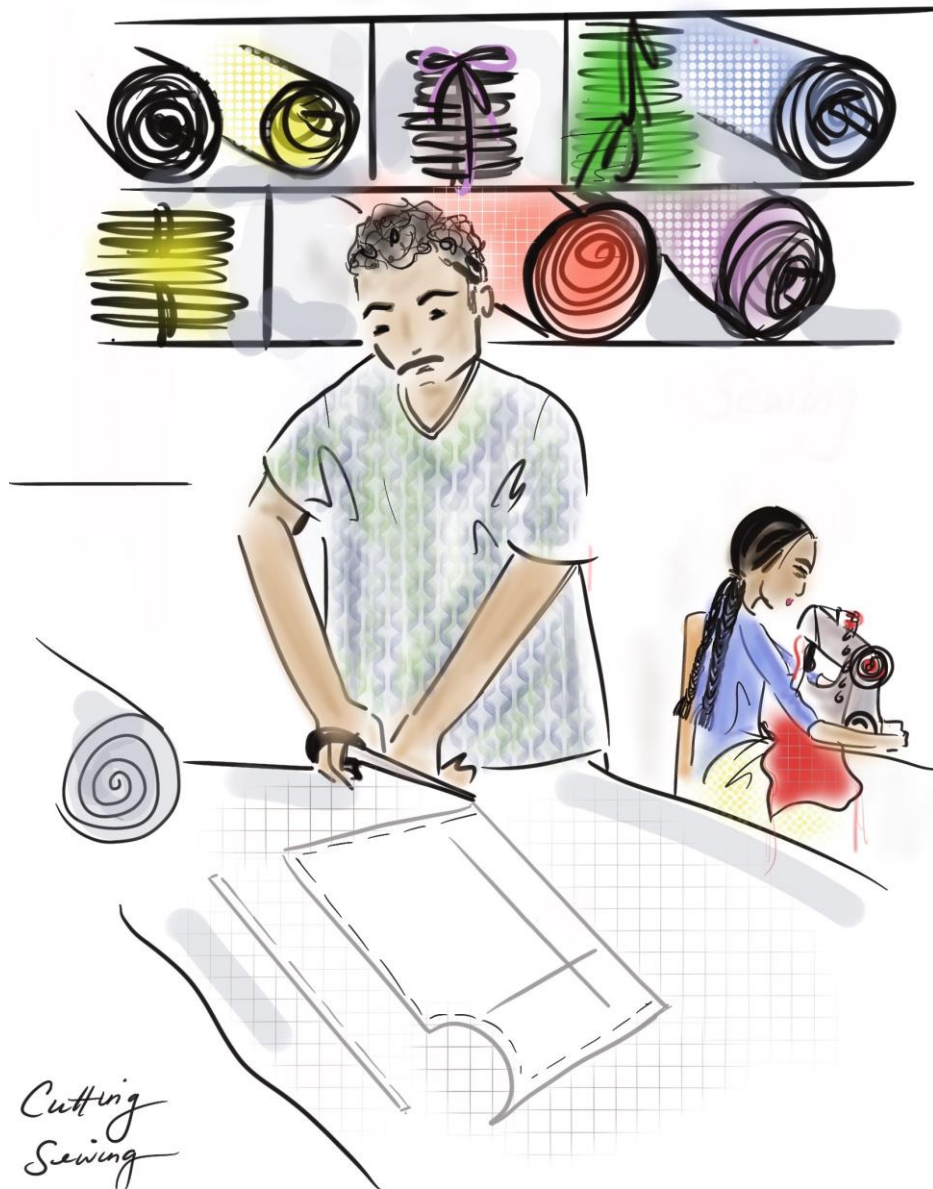
Recap

Production Cycle Steps

1. Fiber
2. Yarn
3. Fabric
4. Finishing
5. **Apparel**

(After fabric has the desired properties, it is shipped to production facilities to be made into finished products)





Pre-Production Steps

1. Design

Sketch designs, digital pattern, and material requirement – called a tech pack

2. Pre-Line Samples

Test of the initial design and components of the desired product. The initial sample is called a prototype.

3. Sourcing

Fabric, trim, label, hangtags

4. Samples

Sales samples, pre-production samples, top samples

5. Production

Cutting, sewing, packaging, shipping

Full Service Factories

- Offer a full range of services from fabric sourcing, label and hang tags, product development, grading, marking, samples, production, packing, to shipping.
 - Large internal teams
 - Connections to outside vendors to source required materials

Cut and Sew Factories

- Make samples and bulk production
- Clients responsible for sourcing and purchasing all materials and getting them to the factory on time



In the past 15 years, clothing production has doubled while the world population has only increased by 20%

Environmental Impacts

Up to **90%** of waste in the apparel industry occurs during production

It takes **2500L** of water to make a single t-shirt. Enough water for a single person to drink for **2.5 years**

Due to textile and leather production, 3 of Bangladesh's rivers are considered **"biologically dead"**



Social Impacts



Evidence of **forced and child labor** in the apparel industry in many countries including Argentina, China, Bangladesh, Indonesia, Turkey and Vietnam

Most garment workers are **overworked** (48hrs/week) and **underpaid** (earning 0.5% -4% of the retail cost of the clothes they make or less than a penny per garment)

It is estimated that it would cost **less than 1%** of the price of a garment to pay living wages within brands' supply chains

% of clothing sold in the US made overseas

5%

1960

25%

1970

98%

2021

Apparel

Who: Cutters, Trimmers, Sewers



*on average

Vocabulary

Your Definitions

Economic Impacts

Living Wage

Social Impacts

Activity:

Gallery Poster



Un Centro (Kandinsky)

end.

