

Fashion Design Studio
Unit 4 Study Guide

1. Match the fibers below to their classification on the right.

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|-------|------------|---------------------------------|
| _____ | Polyester | A. Natural Fiber |
| _____ | Cotton | B. Synthetic/Manufactured Fiber |
| _____ | Spandex | |
| _____ | Nylon | |
| _____ | Silk | |
| _____ | Flax/Linen | |
| _____ | Wool | |
| _____ | Rayon | |
| _____ | Acetate | |
| _____ | Acrylic | |

2. Match the descriptions below to the type of Fabric Finish on the right.

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|-------|---|--------------------|
| _____ | Process of adding color, pattern or design to the surface of the fabrics. | A. Product Dyeing |
| _____ | Adding color to a synthetic fiber solution before it is extruded. | B. Solution Dyeing |
| _____ | Dyeing of fabric after weaving or knitting. | C. Yarn Dyeing |
| _____ | Dyeing the yarns before they are woven or knitted into fabric. | D. Printing |
| _____ | Fabric is cut and sewn into the finished precut and then dyed. | E. Piece Dyeing |

3. Which fibers are produced from plants and animals: natural or synthetic?

4. Which fibers are produced from chemical substances: natural or synthetic?

5. Which natural fiber is used to make linen?

6. Which natural fiber is comfortable, absorbent, but wrinkles easily?

7. Which synthetic fiber is the strongest fiber?

8. Which natural fiber is warm, durable and fire resistant?

9. Which synthetic fiber provides elasticity, stretch and is resistant to perspiration and sunlight?

10. Which natural fiber is smooth, soft, and lustrous and comes from cocoons?

11. Which synthetic fiber is the most widely used synthetic fiber?

12. Why are fibers blended together in fabric?

13. What type of fabric is constructed with several warp and weft yarns interlocking at right angles?

14. What type of fabric is constructed with the continuous interlocking or looping of yarn?

15. What type of fabric is constructed by interlocking and shrinking a mass of fibers together with heat, moisture and pressure?

16. Which type of woven fabric is the simplest weave?

17. Which type of woven fabric is the strongest weave?

18. Which type of woven fabric is the most lustrous weave?

19. Which type of fabric has more stretch: woven or knit?

20. Felt is the most commonly used type of what kind of fabric?
