

KOHL'S
Design
It! Lab

QUARTER THREE

MATERIAL WORLD

step 1
IDEATION

step 2
GRAB YOUR MATERIALS

step 3
MAKE A PROTOTYPE!

VISIT DISCOVERYWORLD.ORG FOR MORE INFO
USE [#KOHLSDSIGNITLAB](https://twitter.com/KOHLSDSIGNITLAB) TO SHARE YOUR PROJECTS!

SEPTEMBER: FABULOUS FABRICS

AGES 5+
15-20 MINUTES

This month we are using upcycled fabric to make rope, a community quilt, and decorative iron-on patches



THE RECIPE FOR FABRIC

Fabric is made up by matting (felt) or interlacing (weaving or knitting) fibers. Fibers must be tangled/spun together to be durable and stretchy.

COMMON TEXTILE MATERIALS

Fibers can be found in nature, like wool or cotton, or can be made artificially, like Nylon or Spandex.

There are many techniques and tools for turning fibers into fabric. You can weave spun string using a loom, knit yarn with knitting needles/crochet hooks, or felt wool with a felting needle.



DYING FABRIC

You can color fabric by soaking it in dye. Dyes can be created both naturally (flowers, berries, bugs) or artificially with chemicals. Fabric can also be printed on.



STORYTELLING WITH FABRIC

Fabric not only serves the practical purpose of clothing and shelter but is also a fantastic way to express oneself! Quilts and textiles have been used to tell generational stories, make maps, and share ideas. What story would you tell on a Quilt?

QUESTIONS TO ASK YOURSELF

- What type of fiber is my fabric made from? Is it organic or artificial?
- What is the purpose of my fabric creation. Is it practical, decorative, or both?
- What am I trying to communicate with my creation?

