Sneaky Slippers

MAS. 962: Final Project Proposal

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Concept

- Slippers with textile pressure sensors that activate LEDs when worn
- Battery recharged via solar panel

HTTP://SOLAR-WORLD.COM/POWERFILM.HTM
HTTP://WWW.RFMICROLINK.COM/PRODUCTS.HTML
HTTP://WWW.SOLARBOTICS.COM/PRODUCTS/SCC2422/
HTTP://WWW.ETSY.COM/VIEW_LISTING.PHP?LISTING_ID=44437661
HTTP://WWW.SPARKFUN.COM/COMMERCE/PRODUCT_INFO.PHP?PRODUCTS_ID=731

Techniques Utilized

- Knitting
- Felting
- Flexible sensors
- Circuits

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Current Technology

- “Bright Feet Slippers”
- LED dress shoes
- Safety sneakers
  - don’t use textile technology
  - electronics built into hard base

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Timeline

			TODAY	DESIGN CIRCUITS		
ORDER PARTS		KNIT SLIPPERS		FELT SLIPPERS		
BUILD CIRCUITS			TROUBLESHOOT CIRCUITS			
	COMBINE CIRCUITS AND SLIPPERS					
TROUBLESHOOT			DUE!			

MAS.962 Special Topics: New Textiles

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