

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

PRESSURE-SENSITIVE RUBBER

BATTERY UNDER FLAP

SOLAR PANEL

LEDS



[HTTP://SOLAR-WORLD.COM/POWERFILM.HTM](http://solar-world.com/powerfilm.htm)

[HTTP://WWW.RFMICROLINK.COM/PRODUCTS.HTML](http://www.rfmicrolink.com/products.html)

[HTTP://WWW.SOLARBOTICS.COM/PRODUCTS/SCG2422/](http://www.solarbotics.com/products/scg2422/)

[HTTP://WWW.ETSY.COM/VIEW_LISTING.PHP?LISTING_ID=44437661](http://www.etsy.com/view_listing.php?listing_id=44437661)

[HTTP://WWW.SPARKFUN.COM/COMMERCE/PRODUCT_INFO.PHP?PRODUCTS_ID=731](http://www.sparkfun.com/commerce/product_info.php?products_id=731)

Techniques Utilized

- * Knitting
- * Felting
- * Flexible sensors
- * Circuits

Photos removed due to
copyright restrictions.

Current Technology

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

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copyright restrictions.

Timeline

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



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MAS.962 Special Topics: New Textiles
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