

NOTES TO THE FUTURE *Purple Gaze*

Supplies-Suppliers

*Bullfrog Quik Gel Sunblock SPF36 - WalMart ~\$7

*Post-Its - WalMart ~\$6 (12 Pack)

They were much more popular over the index cards!

*Highlighters - WalMart ~\$10 (18 Pens)

DO NOT purchase the Sharpie Accent Highlighters in Color because they do not contain the fluorescent chemical that you need for the effect you want. Avery Hi-Liter WORKS VERY WELL.

*Blacklight - Provided by Mr. Baird :)

Know the frequency, which is 60Hz! Since you will be questioned this somehow for the Magic Pinwheel.

*Flexible Desk Lamp - Easy to Find at Ikea or even at home!

*Decorations (i.e. disco light, strobes, glowstix) It helps grab people's attention or you have to force yourself to "sell your exhibit"

*Fluorescent Posterboard - Office Max ~\$4

It comes in a Variety Pack which in a smaller size of 14" x 22" that is perfect for the table and it helps with testing materials.

*Invisible Ink Pen - Provided by Mr. Baird :)

It was pretty awesome, and special to our exhibit!

*Stamped Envelopes - Look through old mail that you don't need anymore, and be sure to cross out your address, just to be safe.

*Laundry Detergent - Costco \$N/A

There should be some laying around in the house, you don't need a lot, and if you do, it is totally reusable after the exhibit is done.

Advice

*Bring as much highlighters and post-its as you can!

*Make sure the magic Pinwheel stays on the pin, it becomes annoying when the wheel falls off and loses its impact of the "strobe effect."

*Use Mr. Baird's Brings to construct a way for the black light to be raised, this way it can shine directly on the table than upward. We used tape to hold it down, just in case it was to be knocked over.

Difficulties

We didn't go through any problems except some of the highlighters were missing constantly, so keep them in stock!

Guaranteed Enjoyment!

Its basically like a 'FBI' Station!

Tips For

Kiddos - Again, the more highlighters, the better! They love coloring over themselves, and watching all the groovy colors "pop" out of their skin under black light versus the "boring" sight under the incandescent light. They loved writing stuff on the post-its than the index cards and they posted them around our black light structure out of bricks, such as "Phyz Rocks", or "I <3 Rio", and etc.

Parents - While the kids are busy drawing, they barely listen but as their parents roll around, they stop and pay attention. The Sunblock versus Lotion experiment was very popular and educational. It showed how the UV rays go right through the lotion, but the sunblock actually "blocks" the way by, making a "wall" against your skin. This persuades both adults and kids to wear sun block more often. The best way to do this is to put some lotion and sunblock into two separate bags, but have back up because they make start to leak from all the movement and kids poking the bags.

Another experiment was the Laundry Detergent in liquid and powder form. Show them how it is the usual kind of product you see in regular light, and then in the black light, the liquid will glow while the powder would have these special black crystals. Many of them will ask, "Why does that happen?" Well to explain it, the detergents use chemicals to make clothes brighter but not necessarily cleaner. Yet, we also added, that these chemicals also helped clothes prevent colors from fading and this is how white T-shirts glow so brightly.

Then the postage stamp on envelopes that have been stamped from the post-office will be another quick demonstration. Remember to use the "orange-looking" ink than the black ink (since black does not work). Under regular light it looks regular but under black light it glows brightly. Tell parents this is a special type of ink the post office uses to make sure people are not using fake stamps.

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