

2022 Duke Energy Science Night Kit Materials List

Activity Name	Item Description	Additional Notes	# Needed per 200 Attendees
Build a Bubble	Dawn dish liquid	19.4 oz bottle Dawn Dishwashing Liquid	1
Build a Bubble	Pie tins	9" round to hold the bubble solution	2
Build a Bubble	pipe cleaners	6" pipe cleaners in assorted colors	200
Build a Bubble	string	200 FT roll of kite string/twine	1
Build a Bubble	straws		200
Galilean Cannon	stacked ball "seismic accelerator"	Astro Blaster kit with 2 extra balls, safety glasses	1
Galilean Cannon	safety glasses	if do not come in the kit	1
Invisible Ink	Goldenrod paper	half-sheets of color changing paper (acid-base indicator)	200
Invisible Ink	Baking soda	16 oz. box	1
Invisible Ink	Vinegar	32 oz. bottle, distilled white	1
Invisible Ink	Plastic cups	9 oz.	9
Invisible Ink	Cotton swabs		500
Light It Up	Energy Balls	1.5-inch ball with two small metal electrodes	4
Light It Up	Metallic and Non-Metallic Objects	not included in kit	an assortment
Magnetic Painting	magnetic wands		4
Magnetic Painting	washable paint	16 oz bottles, 3 colors	3
Magnetic Painting	paper plates	9" white paper plates	200
Magnetic Painting	Metallic Objects	not included in kit	an assortment
Paper Flying Machines	Index Cards	3" x 5"	200
Paper Flying Machines	Straws		200
Paper Flying Machines	Transparent Tape	rolls with dispensers	2
Paper Flying Machines and Stomp Rockets	Masking tape	1 roll can be used for both activities	1
Pinwheel Power	Pencils	with erasers	200
Pinwheel Power	Push Pins		200
Pinwheel Power	Pinwheel Templates	sheets containing 2 templates	100
Stomp Rockets	Stomp Rocket Kit	1 kit which includes a launcher and foam rockets	1
Stomp Rockets	Wooden dowels or Magic Markers	must be the same diameter as the launcher included in the Stomp Rocket kit	2
Stomp Rockets	Construction paper	sheets in assorted colors	200
Stomp Rockets	Transparent Tape	rolls with dispensers	2
Straw Flutes	straws	7 3/4" x 1/4" plastic (10 for each pair of flutes made)	1000
Straw Flutes	Masking tape	rolls	2
Zip Lines	Fishing line	at least 5 lb, 250 yds	1
Zip Lines	Paper clips	Smooth finish	200
Zip Lines	Washers	Flat washer, 1" outside diameter	10
Zip Lines	Ping pong balls	standard size; plastic	10
Zip Lines	Chipboard	5x7, 0.22" thick	200
Zip Lines	Masking tape	rolls	2