

Materials List for All Sessions

Materials Needed	Quantity Per Team	Sessions				Purchased
		1	2	3	4	
LED lights: 3- to 6-volt (for hobby projects) DC, 5mm, pre-wired with stripped wire ends (bare wire), white color light ***	1-2	X	X			<input type="radio"/>
LED lights: 2.0- to 3.2-volt (for hobby projects) DC, two-prong terminal type, 10mm, assorted colors (red, yellow, blue, green, white) ***	2-3	X	X	X	X	<input type="radio"/>
AA single-use alkaline batteries ***	3-6	X	X	X	X	<input type="radio"/>
Battery holders A plastic box/case-type, pre-wired with stripped ends (bare wire); holds 3 AA batteries	1	X	X	X	X	<input type="radio"/>
Battery holders B plastic box/case-type with built-in terminal ends (similar to 9V battery terminals); holds for 3 AA batteries	1	X	X	X	X	<input type="radio"/>
Alligator clip/electrical jumpers 20" length, 20- to 22-gauge wire, 10mm opening width, assorted colors	3	X	X	X	X	<input type="radio"/>
Battery tester	1	X	X	X	X	<input type="radio"/>
Play-Doh® 2oz. single containers *	1			X	X	<input type="radio"/>
Plastic foam trays	4	X	X	X	X	<input type="radio"/>

* optional | ** staff only | *** buy plenty of extras to account for replacements needed

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		1	2	3	4	
Tweezers	1		X	X	X	<input type="radio"/>
Aluminum foil	2-3 feet	X	X	X	X	<input type="radio"/>
Adhesive tape roll	1	X	X	X	X	<input type="radio"/>
Small erasers	4-6		X	X	X	<input type="radio"/>
Paper to sketch design ideas	1-4 sheets		X			<input type="radio"/>
Markers or colored pencils	assorted		X	X	X	<input type="radio"/>
Construction paper	assorted		X	X	X	<input type="radio"/>
Scissors	2	X	X	X	X	<input type="radio"/>
Pencils	2	X	X	X	X	<input type="radio"/>
Stopwatch	1				X	<input type="radio"/>
Glue dots *			X	X		<input type="radio"/>
Precise cutting tool (e.g., X-ACTO® knife) **	1 per facilitator		X	X	X	<input type="radio"/>
Hot glue gun and extra glue sticks ***	1 per facilitator		X	X	X	<input type="radio"/>
Dice	1 die per group		X	X	X	<input type="radio"/>
Sticky notes	1 stack per group	X				<input type="radio"/>

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