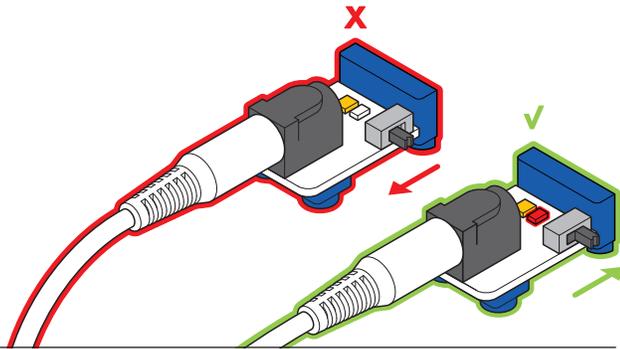
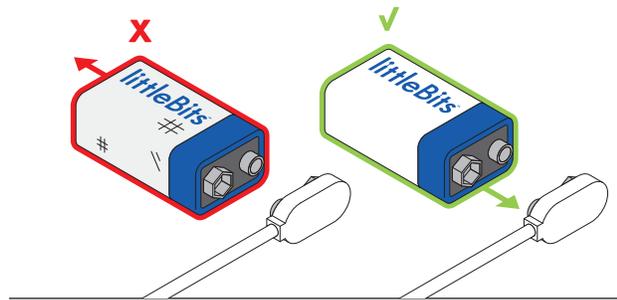


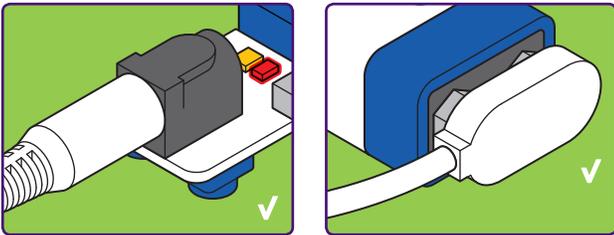
# TROUBLESHOOTING



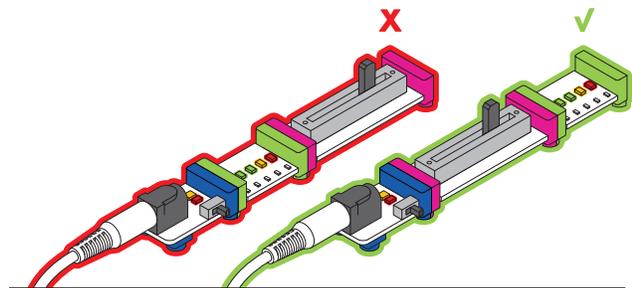
**1 MAKE SURE YOUR POWER BIT™ IS ON.** You should see a red LED illuminated on the board.



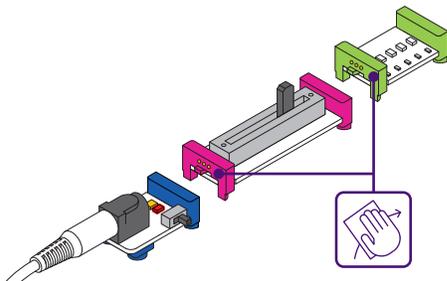
**2 TRY SWAPPING IN A NEW 9 VOLT BATTERY.** Low batteries can cause a circuit to act erratically. Bits™ have different power demands. For example: a DC motor may appear to not be working while a light still shines brightly.



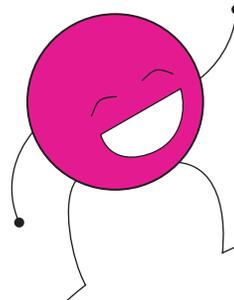
**3 ENSURE THE POWER CABLE IS SECURELY FASTENED TO BOTH THE POWER BIT AND THE BATTERY.**



**4 MAKE SURE YOUR BITS ARE ARRANGED IN THE PROPER ORDER.** Remember that you always need a power Bit & power supply at the beginning of each circuit, and an output Bit at the end. If the last Bit in your chain is an input, then it won't do anything to affect your circuit.



**5 CHECK YOUR CONNECTIONS.** Are all the Bits securely snapped to each other? You can also try gently wiping down the ends of the bitSnaps with a soft cloth (like your sleeve). Sometimes dust gets in the way of a strong connection. Try unsnapping, cleaning the bitSnaps, and snapping it all back together again.

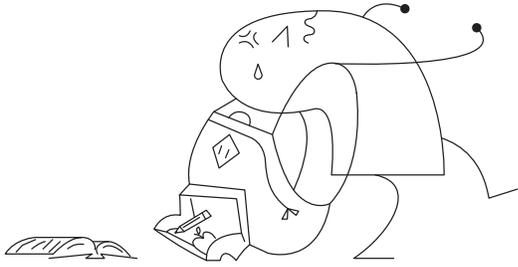


**STILL HAVING TROUBLE?** Visit [littleBits.com/faq](http://littleBits.com/faq) or contact our customer service team at [support@littleBits.com](mailto:support@littleBits.com).

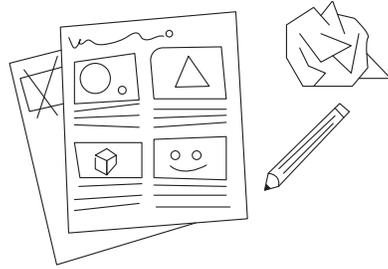


# TROUBLESHOOTING

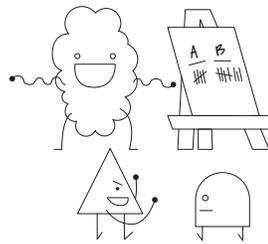
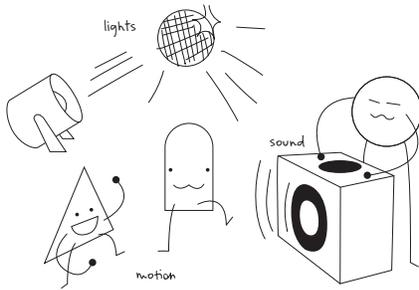
## MAKER BLOCK



**SOME PARTICIPANTS IN MY GROUP HAVE MAKER-BLOCK. HOW DO I HELP THEM THROUGH THE INVENTION CYCLE?**

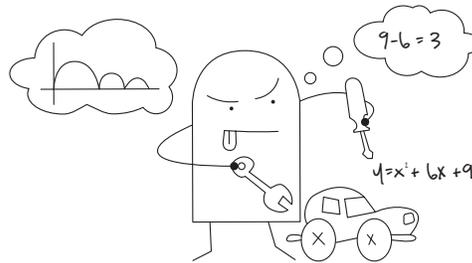
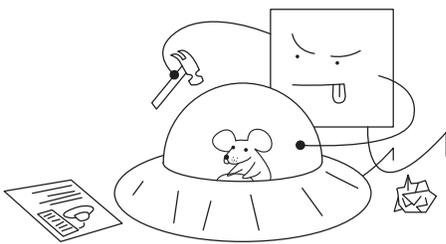


**1 ENCOURAGE THE TEAMS TO SKETCH OUT THEIR IDEAS QUICKLY BEFORE THEY START MAKING**



**2 ASK THE TEAMS EXPLORE THEIR SURROUNDINGS TO FIND OBJECTS TO USE AS INSTRUMENTS.**

**3 ASK OPEN-ENDED QUESTIONS** like "What do you like about your invention?" or "What could be changed to make it better?"



**4 AVOID FIXING CIRCUITS FOR PARTICIPANTS.** Instead, ask them the questions that will lead them to the answer.

**5 ENCOURAGE PARTICIPANTS TO REMIX THEIR PROJECTS.** Ask them to experiment with other Bits or materials to supercharge their inventions.