

Question 1	Response 1
Do the kids need to calculate total resistance	Yes, simple math will be required. Grade appropriate
For part 3 what kind of circuit do they need to design. Can you provide an example?	There is an example in the detailed event description. There is an example in the ppt presentation as well. The test, particularly for 5th grade might be a little more challenging.
Will this board that is included in the kit our head coach picks up, be the same board used at the competition?	You will receive a similar board at the tournament (i.e. teams will not bring their own).
Will you supply spare terminal blocks? I've had issues with the levers breaking.	You will receive 4 per kit. We hope you will not need more.
Idea: Could we modify ourselves and mount white board under it so kids could draw circuit behind before they wire it?	Sure. There is not a lot of space for that but you can try. The kids will get an unmodified board in competition
Do you have to use all the components in a build?	No. You will have more components than you will need. This kids should know how to use each component, though.
Will you provide part numbers, purchasing information for the terminal blocks? I would like to make more so the students can work on more than just one setup.	Yes. It is on the website on the Circuits events page. <a href="https://wesoscience.org/wp-content/uploads/2026/01/WESO-supplied-Circuit-Wizardry-Kits-2026.pdf">https://wesoscience.org/wp-content/uploads/2026/01/WESO-supplied-Circuit-Wizardry-Kits-2026.pdf</a>
What's a good source of sample projects for students to practice on?	There are some good samples on the WESO website. If someone finds something, please share on the Circuit Chat channel on the WESO discord server.
Last year, the double throw switches had a middle position that was "off". However, the schematics did not show a middle position as off. If an "off" or open circuit is required, is use of the middle position acceptable?	Yes, that is a common configuration.
The event will use the terminal blocks then?	Yes. They will use a board like the one you receive.
Will they have access to the hooked leads that were used last year in addition to the terminal blocks?	If you received kits last year, you will not be receiving them again. You will may use those components (hooked leads) for practice and they will be available at the competition. We are hoping the terminal blocks will be easier to use, though.