Supplementary Material to Exploring active learning in physics with ISLE-based modules in high school-GIREP 2023

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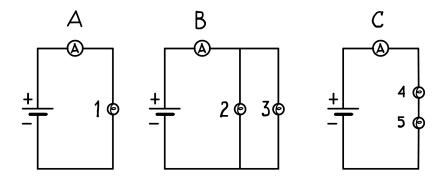


Figure A.1: This figure represents the ranking exercise provided by the textbook. Three circuits with identical bulbs and emf sources are shown. The task required students to rank the circuits based on the ammeter readings, from the largest current to the smallest.

^{*}Source: Etkina E, Brookes D, Planinsic G, and Van Heuvelen A, 2019. College Physics: Explore and Apply, 2nd edn (Pearson).

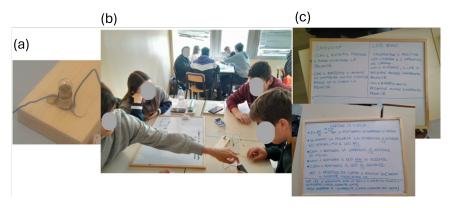


Figure A.2: (a) An incandescent bulb mounted on a customised wooden stand for student experiments. (b) Students actively involved in the experimental task, exploring the basics of DC circuits. (c) Examples of student explanations and results presented on whiteboards after the investigation..