<https://youtu.be/SOhiCQ5LDac> - Capictance

<https://youtu.be/GILLD7Zvh6U> - Logic

<https://youtu.be/asx5smTJeC0> - Current

<https://youtu.be/lYKhjk6gmWg> - Resistance

<https://youtu.be/Atif_9aHQ7c> - Voltage

Links - <https://www.electronicshub.org/interfacing-16x2-lcd-8051/>; for lcd