

The Ideal Schedule

Day 1 – You assemble the project and it works. In your journal you should have the complete materials list, purpose of the experiment, schematic diagram, assembly procedure, specifications, and statement of when project was completed and working. Journal Check 1 is due before I leave school for the day.

Day 2 – You collect preliminary (qualitative) data for each capacitor and resistor in the project. You should have a separate data table for each resistor and capacitor in the project. Each one should have 2 values different from the original. You should have a statement specifying exactly which capacitor and resistor you will be collecting quantitative data for over the next 2 project days. Journal Check 2 is due before I leave school for the day

Day 3 – Ample data should be collected to find the relationship between resistance and the rate of flash or pitch. This data should be in a data table. A new materials list should be made which shows the materials needed to test the relationship between resistance and rate of flash or pitch. A new set of specifications should be made for the materials that are used to test the relationship between the resistance and rate of flash or pitch. New steps for the procedure of testing resistance should be written. Journal Check 3 is due before I leave school for the day.

Day 4 - Ample data should be collected to find the relationship between capacitance and the rate of flash or pitch. This data should be in a data table. A new materials list should be made which shows the materials needed to test the relationship between capacitance and rate of flash or pitch. A new set of specifications should be made for the materials that are used to test the relationship between the capacitance and rate of flash or pitch. New steps for the procedure of testing capacitance should be written. Journal Check 4 is due before I leave school for the day.

Day 5 – Research how the components of your project work. Journal Check 5 is due at the end of class.

Another Option

Day 1 – You have attempted to assemble your project and it still does not work. You need to take it home with you and work on it there.

Day 2 – You assemble the project and it works. In your journal you should have the complete materials list, purpose of the experiment, schematic diagram, assembly procedure, specifications, and statement of when project was completed and working. Journal Check 1 is due before I leave school for the day.

Day 3 – You collect preliminary (qualitative) data for each capacitor and resistor in the project. You should have a separate data table for each resistor and capacitor in the project. Each one should have 2 values different from the original. You should have a statement specifying exactly which capacitor and resistor you will be collecting quantitative data for over the next 2 project days. Journal Check 2 is due before I leave school for the day

Day 4 – Ample data should be collected to find the relationship between resistance and the rate of flash or pitch. This data should be in a data table. A new materials list should be made which shows the materials needed to test the relationship between resistance and rate of flash or pitch. A new set of specifications should be made for the materials that are used to test the relationship between the resistance and rate of flash or pitch. New steps for the procedure of testing resistance should be written. Journal Check 3 is due before I leave school for the day.

Day 5 - Ample data should be collected to find the relationship between capacitance and the rate of flash or pitch. This data should be in a data table. A new materials list should be made which shows the materials needed to test the relationship between capacitance and rate of flash or pitch. A new set of specifications should be made for the materials that are used to test the relationship between the capacitance and rate of flash or pitch. New steps for the procedure of testing capacitance should be written. Journal Check 4 and 5 is due before I leave school for the day.