AQA GCSE TRIPLE PHYSICS PAPER 1 REVISION CHECK-LIST

You can use the GCSE science (trilogy) website to revise each section:
https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm

Energy

- Types of Energy Stores ☐
- Energy Transfers ☐
- Energy Dissipation ☐
- Conservation of Energy ☐
- Calculation of Energy Changes ☐

- Work, Power and Efficiency ☐
- Energy and Power ☐
- Efficiency ☐
- Electrical Appliances ☐

- Energy and Heating ☐
- Thermal Conductivity ☐
- Insulation (Triple Required Practical) ☐
- Specific Heat Capacity ☐
- Specific Heat Capacity (Required Practical) ☐

- National and Global Energy ☐
- Demands and Resources ☐
- Energy ☐

Electricity

- Electrical Circuit Symbols ☐
- Electrical Charge and Current ☐
- Potential Difference and Resistance ☐
- Voltage Graphs (Required Practical) ☐
- Series Circuits ☐
- Parallel Circuits ☐
- Resistance (Required Practical) ☐
- Energy and Power ☐

- Alternating and Direct Current ☐
- Household Electricity ☐
- Electrical Appliances ☐
- The National Grid ☐

- Electrical Charges (T) ☐
- Charging by Friction (T) ☐
- Electric Fields (T) ☐

Particle Model of Matter

- Density ☐
- Volume ☐
- Density (Required Practical) ☐

- States of Matter ☐
- Internal Energy ☐
- Energy and Temperature ☐
- Specific Heat Capacity (2) ☐
- Specific Latent Heat ☐
- Multiple Changes ☐

- Particle Motion ☐
- Pressure and Temperature ☐
- Pressure and Volume ☐
- Work and Energy ☐

Atomic Structure

- Developing the Atom ☐
- Rutherford and the Nucleus ☐
- Further Developments to the Atomic Model ☐

- Structure of the Atom ☐
- Atoms and Isotopes ☐
- Ions ☐

- Radioactive Decay ☐
- Nuclear Radiation ☐
- Half-Lives ☐
- Nuclear Equations ☐

- Irradiation ☐
- Contamination ☐
- Effect of Radiation on the Human Body ☐

- Nuclear Fission (T) ☐
- Fission Reactors (T) ☐
- Nuclear Fusion (T) ☐