

## Battery Research Assignment

For each of the following types of battery

1. Draw a detailed diagram of the battery.
2. Describe how the battery works.
3. Write the half-cell reactions for the battery.
4. List the advantages and disadvantages of this battery.

Battery Types:

- A) Dry Cell
  - (i) The LeClanche Cell (Acid battery)
  - (ii) The alkaline battery
- B) Rechargeable batteries
  - (i) Lead storage battery
  - (ii) Nickel cadmium Battery
  - (iii) Lithium ion battery
- C) Fuel cells