

## CHAPTER OVERVIEW

### 20: Electrochemistry

#### Topic hierarchy

- 20.1: Lightning and Batteries
- 20.2: Balancing Oxidation-Reduction Equations
- 20.3: Voltaic (or Galvanic) Cells- Generating Electricity from Spontaneous Chemical Reactions
- 20.4: Standard Reduction Potentials
- 20.5: Cell Potential, Gibbs Energy, and the Equilibrium Constant
- 20.6: Cell Potential and Concentration
- 20.7: Batteries- Using Chemistry to Generate Electricity
- 20.8: Electrolysis- Driving Non-spontaneous Chemical Reactions with Electricity
- 20.9: Corrosion- Undesirable Redox Reactions

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