**Logic**

**Deductive Reasoning**

**Inductive Reasoning**

**Syllogism**

**Fallacious reasoning**

**Analogical reasoning**

**Hypothetico-deductive reasoning**

**Classification**

**Creative reasoning**

**Red Herring**

**Ad hominem (Latin, meaning ‘to the person’)**

**Post hoc ergo propter hoc (‘after this, therefore because of this’)**

**Argumentum ad populum (‘appeal to the people’)**

**Gambler’s fallacy**

**Appeal to emotion**

**Historian’s fallacy (using hindsight**

**Slippery slope fallacy**

**Inconsistent comparison**

**Argumentum ad vericundiam (appeal to authority)**