**Science is an objective method for fact finding and fact checking based on observation and logical deduction that can be independently verified and is thus self-correcting.**

**Scientists seek truth, but can only determine the most likely causes of observations based on current and past experiences.**

**Science lives and has a history; scientific theories are continually evolving, building on past experience, adapting to new observations.**

**Scientists try to explain aspects of the real world by comparing them with models that are based on familiar mechanisms.**