

4. Principal Approaches to Knowledge

Objective (Natural Sciences [NS] and Mathematics/Technology [MT]): Students will learn how the laws of the physical and biological world are derived through observation, theory, and experiment. In this age of expanding scientific knowledge and powerful technologies, an educated person should understand the importance of falsifiable hypotheses, the nature of scientific "truth," and the impact of science on society.

Objective (Social and Behavioral Sciences [SB]): Students will learn about the nature and development of human behavior and institutions through time, in order to become aware of the complex and ambiguous nature of changing human experience.

Objective (Arts [AR] and Humanities [HU]): Students will develop an informed appreciation of the arts and humanities, which encompass philosophy, literature, the fine arts, and the performing arts. Students will learn how people have come to understand and express artistic, aesthetic, moral, spiritual, and philosophical dimensions of the human condition.

Objective (World Languages [WL] and World Cultures [WC]): Students will learn how language and culture impose their own structuring of knowledge. This may be achieved through intensive study of unfamiliar cultures, or by the study of a foreign language or foreign literature in translation.