IDAT for IB – Critical Thinking and Global Knowledge Curriculum

Critical Thinking Curriculum

STAGE	SKILL	CODE	OUTCOMES
5-6	**Assumption**	CT1.1	Student can determine if a statement is an assumption or fact based on evidence presented.
	Inferences	CT1.2	Student can assess whether knowledge if sufficient and reliable.
	Interpretation	CT1.3	Student can conclude meaning of processed information
	Deduction	CT1.4	Student can follow one or more factual statements through to a logical conclusion
	Evaluation of Argument	CT1.5	Student can determine value of arguments based upon quality, point of view and evidence presented.
	Critical Analysis	CT2.1	Student can analyse sources and content presented to know value, point of view or quality.
	Critical Reflection	CT2.2	Student can determine personal bias and use logical and abstract information to explain own opinion.
	Critical Expression	CT2.3	Student has mastery of language to present own thoughts and ideas effectively for age/stage of study.

Logic Outcomes

Stage	Code	Outcome
5	L1.1	visualise, describe and analyse the way shapes and objects are combined and positioned in the environment for different purposes
	L1.2	evaluate financial plans to support specific financial goals
	L1.3	use 12- and 24-hour systems within a multiple timezone to solve time problems, use large and small timescales in complex contexts and place historical and scientific events on an extended timescale
	L1.4	Logic questions, using nonsense words that prove truths based on statements
6	L1.1	Logic questions using up to five variables elements
	L1.2	Using word order and logic to deduce meaning of nonsense words
	L1.3	Using probability and problem solving to work out logical word problems

Science Outcomes

Stage	Code	Outcome
5	5.1	explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management
	5.2	relates the structure and function of living things to their classification, survival and reproduction
	5.3	applies models, theories and laws to explain situations involving energy, force and motion
6	6.1	develop knowledge and understanding of the structure and function of organisms and develop knowledge and understanding of heredity and genetic technologies
	6.2	develop knowledge and understanding of the fundamentals of chemistry and develop knowledge and understanding of equilibrium and acid reactions
	6.3	develop knowledge and understanding of advanced mechanics and electromagnetism

Technology Outcomes

Stage	Code	Outcome
5	5.1	to identify and value the rights to identity, privacy and emotional safety for themselves and others when using ICT and apply generally accepted social protocols when using ICT to collaborate with local and global communities
	5.2	To use appropriate ICT to collaboratively generate ideas and develop plans
6	6.1	To explain how products, services and environments evolve with consideration of preferred futures and the impact of emerging technologies on design decisions knowledge, understanding and appreciation of the interrelationship of design, technology, society and the environment
	6.2	To design, modify and manage complex digital solutions, or multimodal creative outputs or data transformations for a range of audiences and purposes