Critical Thinking & Logic Curriculum for IDAT Concise

Critical Thinking Outcomes

STAGE	SKILL	CODE	OUTCOMES (as applicable to the age/stage of study)
3-6	Assumption	CT1.1	Student can make an educated guess based on limited information or evidence.
	Inferences	CT1.2	Student can assess whether available information is sufficient and reliable enough to draw conclusions, make predictions or offer suggestions.
	Interpretation	CT1.3	Student can analyse and make sense of information, facts or messages, and draw meaning from it.
	Deduction	CT1.4	Student can use logical reasoning to draw conclusions based on evidence.
	Evaluation of argument	CT1.5	Student can analyse and assess the validity, credibility, and persuasiveness of an argument.

Logic Outcomes

STAGE	CODE	OUTCOME
1	L1.1	Student can connect and order number names, numerals and groups of objects using numbers up to two digits.
	L1.2	Student can use logic and evidence to describe and continue patterns.
	L1.3	Student can identify degrees of quantity, such as more, less and the same, to make basic comparisons.
	L1.4	Student can sequence familiar actions and/or events using common expressions that show time and order.
2	L2.1	Student can model, represent, order and use numbers up to four digits.
	L2.2	Student can visualise, sort, identify and describe symmetry, shapes and angles in familiar environments.
	L2.3	Student can use logic reasoning to read and deduce facts.
3	L3.1	Student can identify and describe routes and locations using grid reference systems and directional language, such as north, left, forward, inside or ahead.
	L3.2	Student can model, represent, order and use numbers up to five digits.

	L3.3	Student can efficiently solve problems and check calculations within prescribed time limits.
	L3.4	Student can create simple financial plans, budgets and make cost predictions as well as convert between analogue and digital clocks to solve time problems, and interpret and use timetables from print and digital media sources.
4	L4.1	Student can effectively solve complex problems by estimating and calculating within prescribed time limits.
	L4.2	Student can compare, order and use positive and negative numbers to solve problems based on everyday situations.
	L4.3	Student can visualise and describe the proportions of percentages, ratios and rates.
	L4.4	Student can evaluate language and words to identify patterns and interpret meaning.
5	L5.1	Student can visualise, describe and analyse the way shapes and objects are combined and positioned in the environment to suit different purposes.
	L5.2	Student can evaluate the degree of success of financial plans to support specific financial goals.
	L5.3	Student can use analogue and digital clock systems across multiple time zones to solve time problems, use large and small timescales in complex contexts, and place historical and scientific events on an extended timescale.
	L5.4	Student can solve logic questions using nonsensical words that prove truths based on statements.
6	L6.1	Student can solve logic questions using up to five variable elements.

	L6.2	Student can use textual clues and logic to deduce meaning of nonsensical words.
	L6.3	Student can use probability and problem solving to decipher logical word problems.