	Process within the proficiency strand	F	1	2	3	4	5	6
Fluency	*answer robustly*							
	apply concepts							
	choose representations or and approximations							
	definitions, facts, theorems							
	manipulate mathematical objects, expressions, relations, equations							
	procedures or strategies: carry out procedures accurately, appropriately							
	procedures or strategies: carry out procedures flexibly, efficiently							
	procedures or strategies: choose appropriately							
	procedures or strategies: connect understanding to learned strategies and procedures							
	Skills: develop, practise, consolidate							
Problem solving	problems: apply strategies and heuristics							
	problems: check validity of approach							
	problems: do not immediately know the answer							
	problems: formulate or represent situations mathematically							
	problems: identify and create problems							
	problems: mathematical and real world or practical problems							
	problems: plan how to solve							
	solutions: analyse							
	solutions: communicate							
	solutions: communicate with reference to the situation							
	solutions: evaluate with regard to context							
	solutions: interpret in terms of context							
	solutions: justify reasonableness							
	solutions: make decisions mathematically							
	solutions: review and check							
Reasoning	*adapt known to unknown*							
	analyse							
	compare and contrast related ideas							
	deduce							
	evaluate							
	experiment or investigate							
	explain							
	generalise							
	infer							
	justify							
	logical thought and actions							
	model							
	prove true or false							
	reflect on choices							
	transfer learning to a new context							
Understanding	*adapt*							
	apply familiar to develop new ideas							
	connect: ideas, why and how, different concepts							
	cultivate new ideas							
	describe thinking mathematically							
	identify commonalities and differences							
	interpret mathematical information							
	relate							
	represent concepts in different ways							
	transfer							