Overview of Methods of Calculation

	Foundation Lower Primary Middle Primary		imary	Upper Primary	Lower Secondary	Middle Secondary	
Addition and subtraction (whole numbers)	• use • use objects to counting model & basic number facts	 use place value principles 	 develop - extension written dec methods 	end to imals	 use efficient algorithms 	• exter binar numl	nd to y pers
Multiplication and division (whole numbers)	 use objects t model use skip counting 	• use o repeated addition	 use fact - dev families met build up - use from known facts (tables) 	elop written hods distributive	 use powers of 10 oroperty extend to decimals 	 use use equal r by 10 to div algorithms decimals 	nultiplication ide by
Addition and subtraction (fractions)	 use fraction related denominators use efficient algorithms same denominators 						
Multiplication and division (fractions)			• fraction as • u operator (e.g. r find '1/3 of' by 1 dividing into 3 in parts) c		e area/ array to del (e.g. find 1/3 of by dividing square 5 5 rows and 3 umns)	 division as multiplication by inverse use efficient algorithms 	
Calculators	 support for counting and skip counting 	 check and extend basi facts 	• use c memory	 extend by problems 	r-hand capability to so with realistic number	olve • man rs & sci	y graphing, trigonometry entific requirements
	Foundation Lo	ower Primary	Middle Pr	imary	Upper Primary	Lower Secondary	Middle Secondary