INSPIRE MATHS

Progression of Key Concepts in Inspire Maths					
Addition and subtraction (making connections between the units) with reference to the pages in the Teacher's Guide					
Inspire Maths 1	Inspire Maths 2	Inspire Maths 3	Inspire Maths 4	Inspire Maths 5	Inspire Maths 6
The foundations of fractions are laid in <i>Inspire Maths 1</i> by analyzing parts and whole using the 'part-whole' strategy. This appears throughout IM1A and IM1B. part 3 whole grat 5 whole 7 minute 10 minute	Fractions: TG2B Unit 12 p56 Key concepts: Understanding fractions by using shapes to represent one whole with denominators up to 12 and write fractions with denominators up to 12 from given shapes. • Using model drawing as a concept to represent fraction contexts: • Using model drawing as a concept to represent fraction contexts: • The model shows a whole with 5 equal parts. • Provide the whole stard? • What faction of the whole is red? • Number of map forts = 2 • Number of marks and yours and so file fraction of the whole is red? • Sparts are red and 3 parts are yellow. • What fraction of the whole is red? • Sparts are red and 3 parts are yellow. • Sparts are red and 3 parts are yellow.	Fractions: TG3B Unit 14 p116 • Numerator and denominator: • · · · · · · · · · · · · · · · · · · ·	Fractions: TG4A Unit 5 p 137 • Express, interpret, read, draw and mark mixed numbers on a number line and as region models (translating pictorial representations of mixed numbers to symbolic and vice versa). • Express, interpret, read, draw and mark improper fractions on a number line and as region models (translating pictorial representations of improper fractions to symbolic and vice versa): • Use of the formation of t	<section-header>Fractions (1): TG5A Unit 3 p116 a. blentifying and differentiating blead and unike fractions: a whof g d bar. a blog g d bar. b whof g</section-header>	<text><list-item><list-item><list-item><equation-block><equation-block></equation-block></equation-block></list-item></list-item></list-item></text>

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Progression of Key Concepts in Inspire Maths					
Fractions, percentages and decimals (making connections between the units) with reference to the pages in the Teacher's Guide					
Inspire Maths 2	Inspire Maths 3	Inspire Maths 4	Inspire Maths 5	Inspire Maths 6	
 Compare and order two or more fractions with the same denominator using rectangular strips or model drawings of the same size: We will be 3 code, all the same size. We wish he most? I do keth? of a code, to eth? of a code and Myoreds? I do keth? of a code, to eth? of a code and Myoreds? I we wish he most? I we wish he most?	 Comparing fractions using the equivalent fraction method: Ruby had ½ of a pie. Peter had 3 of an identical pie. Other had 4 of another identical pie. Adding related potton than Ruby: 1 dentical proton than Ruby: 1 dentical proton	 Conversion of fractions relating improper fractions to mixed numbers and converting between the two by separating an improper fraction into a whole and part of a whole, or by division, or by multiplication: Ourget to enter the two by the division of the two by two by two the division of the two the division of two two the division of the two the division of the two two the division of the two the division of the two the division of two two the division of the two the division of two two two two two two two two two two	 Subtracting unlike fractions by making a systematic list of the multiples of the denominator and by drawing a model Fractions and division: a whole number when divided by another whole number can result in a whole number with or without a remainder, a proper fraction or a mixed number: The denominator and gradient of the denominator and by drawing a model Fractions and division: a whole number when divided by another whole number with or without a remainder, a proper fraction or a mixed number: The denominator and gradient of the denominator and the denominator and the denominator and the denominator and mixed numbers Converting fractions to decimals: converting tenths, hundredths and thousandths, converting using long division, converting using long division, converting tenther fractions and mixed numbers The denominator and mixed numbers 	<text><text></text></text>	

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Fractions, percentages and decimals (making connections between the units) with reference to the pages in the Teacher's Guide				
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Key vocabulary: • fractions: TG2B p56 • equal part: TG2B p56 • unequal: TG2B p56 • whole: TG2B p57 • fractional parts: TG2B p61 • fractions (one-half to one- twelfth): TG2B p61 • fraction story: TG2B p67 • like fractions: TG2B p74	Fractions of a set: A constraint of the species are read.	 Adding mixed numbers with or without regrouping Subtracting mixed numbers with or without regrouping To body 2²/₂ in 6 moderal. He cut 1⁴/₂ m to make a bag. How much material did be have left? Builden convert 1⁴/₂ or 1⁴/₂ or 1⁴/₂ 2²/₄ - 1⁴/₄ = 2⁴/₄ - 1⁴/₈ To ihad 1⁴/₈ m of moderal left. 	Key vocabulary • unitary method: TG6A p175	
	 Word problems Decimals (1): TG4B Unit 9 p6 Understanding tenths: Image: State of a decimal sta	 Word problems Fractions (2): TG5A Unit 4 p168 Product of proper fractions: multiplying two fractions is the same as finding the fractional part of another fraction; conceptualizing the meaning of multiplying two proper fractions with concrete representation; use of the cancellation (simplification) method to compute the product of two proper fractions; exploring and comparing the product of two whole numbers and the product of two proper fractions www.execution.org/limits/		

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<complex-block></complex-block>	 Product of an improper fraction and a proper or improper fraction: Product of an improper fraction and a proper or improper fraction: I a b b improve fraction: I b i			

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Inspire Maths 4	Inspire Maths 5		
Decimals (2): TG4B Unit 10 p77 • Refer to addition and subtraction progression document	Word problems (3) Decimals: TG5B Unit 7 p2 p28		
Refer to multiplication and division progression document Key vocabulary mixed number: TC14 p127	 Converting fractions to decimals: converting tenths and hundredths, converting thousandths Using a calculator Word problems 		
 Inixed hambel: 1G4A p137 simplify: TG4A p141 cancellation: TG4A p141 improper fraction: TG4A p142 	Decimals: TG5B Unit 7 p6 • Refer to multiplication and division progression document		
• conversion: TG4A p146	Measurement: TG5B Unit 8 p53 • Converting a measurement from a larger unit to a smaller unit • Converting a measurement from a smaller unit to a larger unit		
	Percentage: TG5B Unit 10 p108 • Per cent • Converting more fractions to percentages • Percentage of a quantity		
	Word problems <u>Key vocabulary</u> unlike fractions: TG5A p116 proper fractions: TG5A p116 per cent: TG5B p108		