THE FOCUSED 15

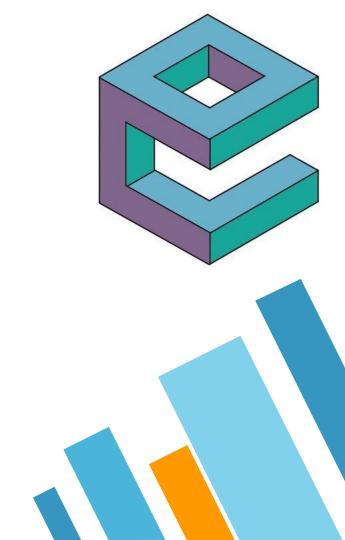
Exploring a concentrated curriculum

Emma Bell - @El_Timbre



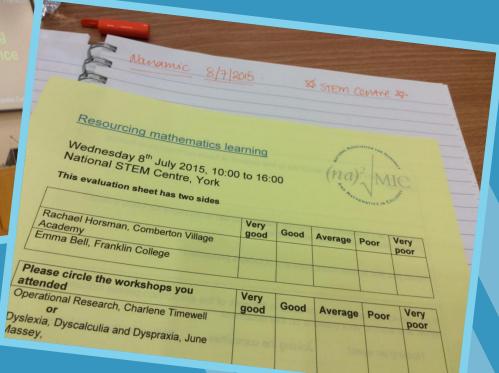
HELLO! I'm Emma Bell

@El_Timbre





York, 2015



The Focused 15

- » What is it?
- » Why is it needed?
- » How was it formulated?
- » How has it been received?
- » Do you have anything to share?

1. WHAT IS IT?

Dumfrieso Durham North Pennines Middlesbrough ND **oBelfast** AONB Lake District North York National Park Moors National Park Isle of Man Blackpoolo Liverpool M62 Dublin Peak District M50 National Park Nottingham Snowdonia National Park Norwich M54 Ipswich WALES M5 Colchester Oxford Swansea Swindon oSouthend-on-Sea Bristol Reading Bath 9 МЗ M23 M20 Exeter Bournemouth English Channel Penzance Falmouth

EDUCATION & TRAININGFOUNDATION



This is **YOUR** year!

FF01

Types of Number





FF02

Using Number



FF03

Simple Probability



FF04

Ratio

← 16:9 →

FF05

Measures



FF06

Rounding & Approximation



FF07

Perimeter, Area & Volume



FF08

Proportion



FF09

Simplify & Solve



FF10

Percentages



FF11

Angle Properties



FF12

Representing Data



FF13

Solve & Graph



FF14

Averages & Spread



FF15 Transformations

2. WHY IS IT NEEDED?

HELLO

my name is

Failure

Foundation

Research

Funding

Students and teachers

Impact

Latest

About

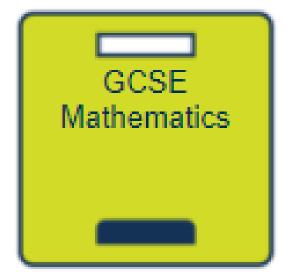
Contact

Research | Projects

A new mathematics GCSE curriculum for post-16 resit students

IIII January 2019 - January 2020





Topic	Spec Ref	AO	Question	Skill tested	4	
			Paper			
			1F NON C	ALCULATOR (F)		
Number	N6	1	Q01	Roots and powers	0.88	0.7
Number	N15	1	Q02	Rounding; Inequality notation to specify error interval	0.67	0.4
Algebra	A1	1	Q03a	Algebraic manipulation	0.60	0.4
Algebra	A17	1	Q03b	Solve linear equations	0.18	0.0
Ratio	R9	1	Q04	Percentages and problems involving percentage change	0.83	0.6
Number	N12	1	Q05	Fractions, decimals and percentages as operators	1.89	1.7
Probability	P3	1	Q06i	Theoretical probability; appropriate language; 0-1 probability scale	0.62	0.6
Probability	P3	1	Q06ii	Theoretical probability; appropriate language; 0-1 probability scale	1.00	0.9
Number	N2, N13	3	Q07	Units of mass, length, time, money and other measures (including standa	2.63	2.
Number	N2, N8	1	Q08a	Calculate exactly with fractions	0.68	0.
Number	N2, N8	1	Q08b	Calculate exactly with fractions	1.35	0.
Ratio	R11	3	Q09	Use compound units	2.78	2.
Ratio	R4	1	Q10	Ratio notation, reduction to simplest form	0.97	0.
Algebra	A23	1	Q11a	Generate terms of a sequence	1.46	1.1
Algebra	A23	1	Q11b	Generate terms of a sequence	1.64	1.
Number	N4	2	Q11c	Primes, factors, multiples	0.65	0.4
Probability	P2, P7	1	Q12	Randomness, fairness and equally likely events	1.82	1.
Ratio	R2	1	Q13a	Scale factors, scale diagrams and maps	0.55	0.4
Ratio	R2, G14	2	Q13b	Scale factors, scale diagrams and maps	1.11	0.
Statistics	S2	2	Q14a	Pie charts	1.72	1.
Statistics	S2	2	Q14b	Pie charts	0.21	0.1
Geometry	G16,N2	3	Q15	Area of triangles, parallelograms, trapezia	2.48	1.0
Algebra	A2	1	Q16	Substitute values into formulae and expressions	0.82	0.4
Ratio	R10	1	Q17	Solve problems involving direct and inverse proportion	3.08	2.
Geometry	G17,N14	3	Q18a	Approximation and estimation	1.74	0.
Number	N14	3	Q18b	Approximation and estimation	0.12	0.
Algebra	A17	1	Q19a	Solve linear equations	1 19	0

FF01

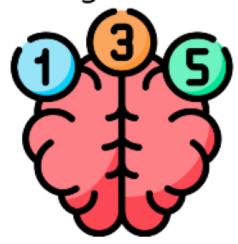
Types of Number

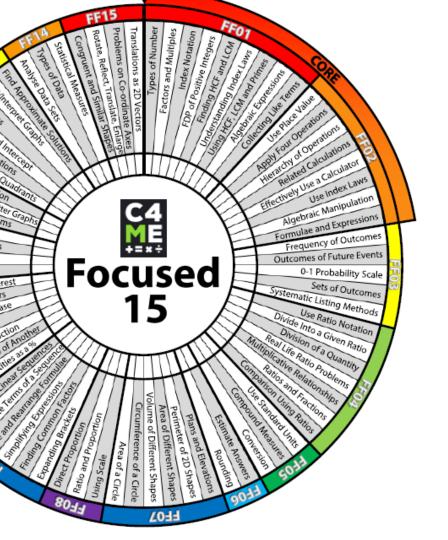




FF02

Using Number





Sequencing

4. HOW HAS IT BEEN RECEIVED?











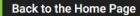
DO YOU HAVE ANYTHING TO SHARE?

padlet



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The Focused 15





Premise



002 C4ME Circular 27Sep19 PDF document

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The Topics



The New Wheel (v3)

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Objectives

PDF version of objectives



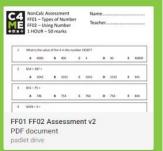
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Focus on a Page



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