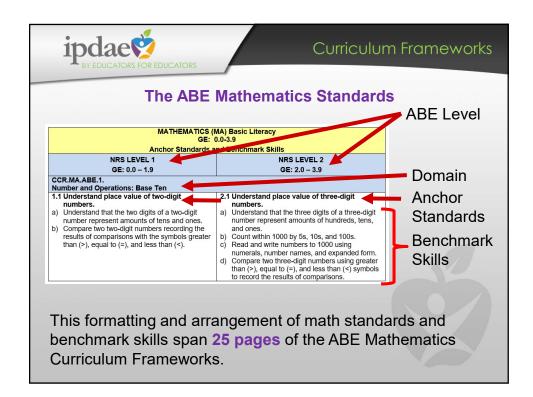
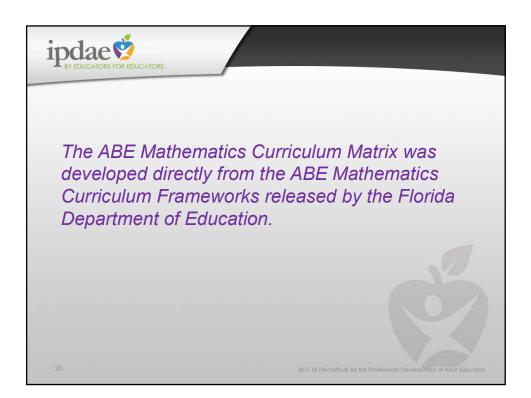
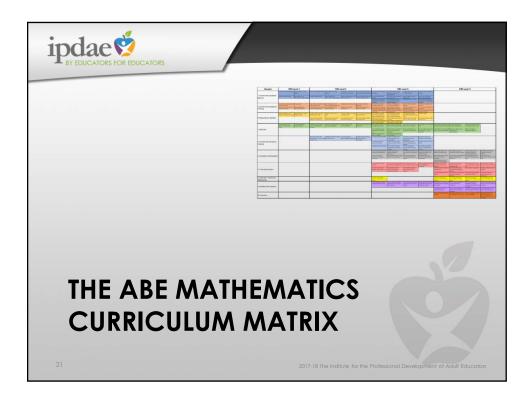


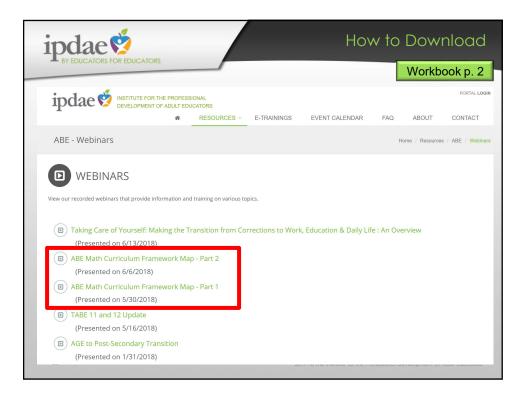
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2	Operations and Algebraic Thinking	0.0 – 1.9	2.0 - 3.9	4.0 - 5.9	
3	Measurement and Data	0.0 - 1.9	2.0 - 3.9	4.0 - 5.9	
4	Geometry	0.0 – 1.9	2.0 - 3.9	4.0 - 5.9	6.0 – 8.9
5	Number and Operations: Fractions		*3.0 – 3.9	4.0 - 5.9	
6	Expressions and Equations			4.0 – 5.9	6.0 - 8.9
7	The Number System			4.0 – 5.9	6.0 - 8.9
8	Ratios and Proportional Relationships			4.0 - 5.9	6.0 - 8.9
9	Statistics and Probability			4.0 - 5.9	6.0 - 8.9









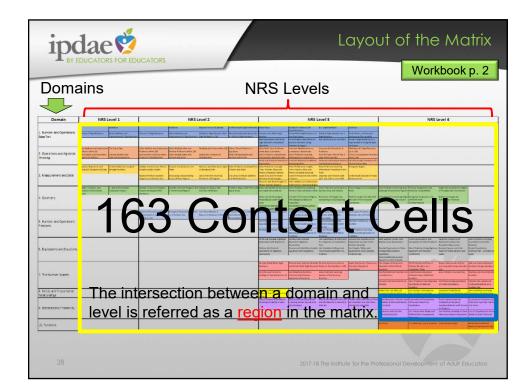


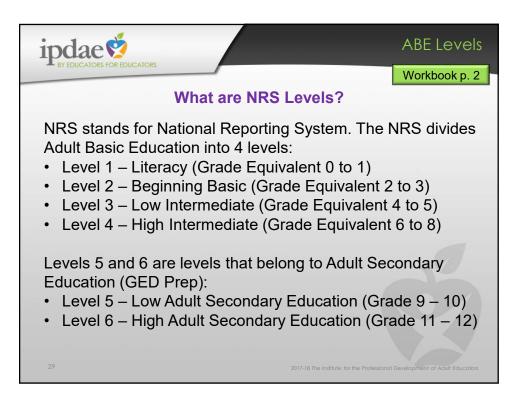


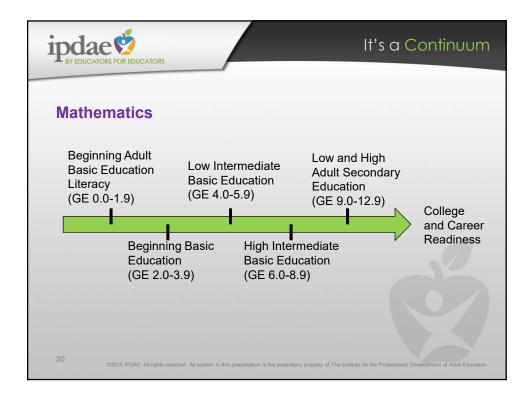
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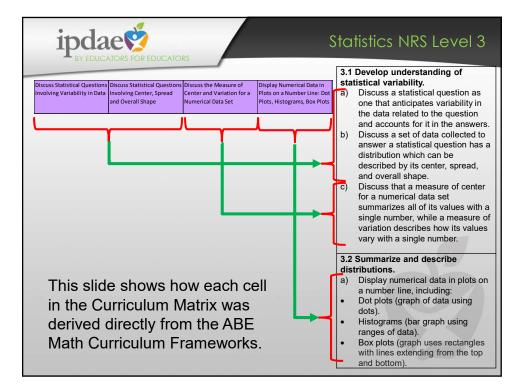
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8. Measurement and Data	Organise, Roprosent, and Interpret 3 Categories of Data	Indroidly Massars Leight Newyy breaker	Analyse and the nersite Publics Graphs and Bar Graphs Repincent Mode Number Lengths on a Number Une	Analyse and Generate Line Park Measuring and Eltimating Areas of Park Pigures	Measure and Editionals Lengths in Bandard Dolls Solid Pedicines Incoloring Perimeter of Pedgens	Solar Problems Involving Trea Volume and Mass Dar Neue 15 Mediat Addition and Multiplication	Expressions The Problems in Length, Time, Valume, Mass and Money Industing Frantism Apply, Area and Permister Permisas for Rostangles	Exclusing them halve Problem can cough, Tome, Valume, Meas and Manes including Desimals Contool Measurements within a System	Solar Problems Involving Information Properties in Line Page Organize Over Naution Duta (3/2, 1/3, 1/3) in a Line Part	Patton Hon 2 Kan Anogeneo Angles Understand Concepts of Angle Measurement				
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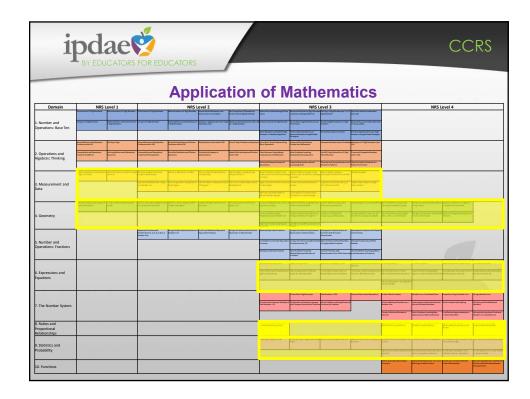


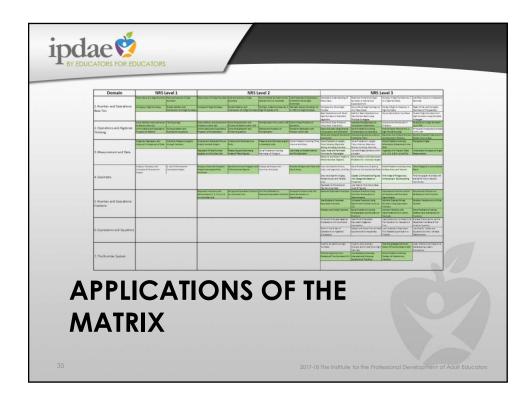


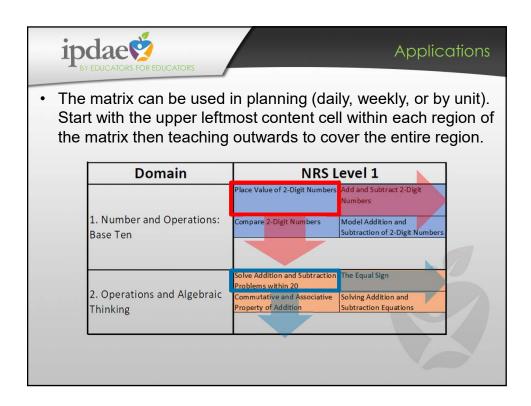


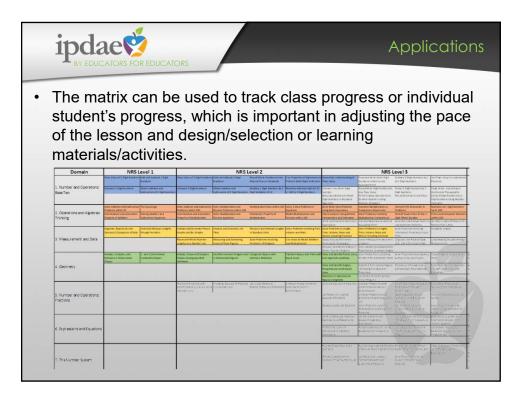
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			Senaminaten 2, 1, 6, 6, or Eon a Sandar Ene	langeler öpsindent frastrenser Santar Ener	Equivalent Fastians	Numerator or Denominator		Kommation or Comministen	hantians with the same Denomination	Dell Frantism				
Number and perations: Fractions							Dae Maain's to Maximie Equivalen Frantians	Company's Automotiving Banching Practices Sochas, L/O	Maid and Galorat Maner Rumbers Asing Equivalent Practices	Market Kanker				
							Multiply and Dutie Pastians	false Problem, Insolaing Aulisplantion and Division of Yearlines	Conserti Anastiany with Demonitration, 30 or 300 in Onsimu	Salve Problem, Insolving Addition band Subination of Fractions			6 11	_
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											Concerts Rational Number to Devined	Edus Problems Insolving Basis Operations on Rational Sumbers	Findfational Approximations of Frational Numbers	Admate the Location Rambers on a Nambe
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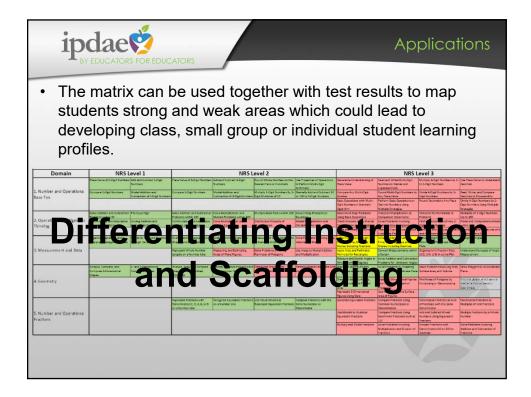
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	NRS Level 1		NR:	here's market		17	In the second second	level 3	100.00 h	<u> </u>	NKS	Level 4	
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lationships						Discuss Etablished Questions Insolving Variability in Data	Discuss Technical Questions Investing Center, Spread and Dom Drage	Diversion (the Minescreen) Cambre and Exercision for a Normerical Data Set	Chaple/Numerical Datain Robum Number Gine Dat Plain, Hologuer Bes Plain	a Belain Manuana al Center and A decide Illighte Sate Ostribution and Centeral	Dura Informal Comparative d Informers Manuf Two Pepulations	Finder Japproximate the Probability of Simple & Compound Events with Earlieux Techniques	By Constructional Interpret 1 In Intern Taxo Way Tables on
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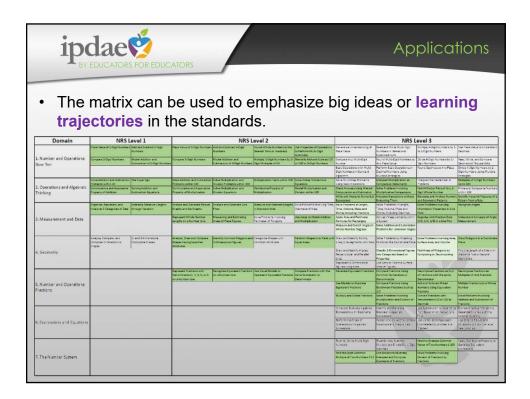


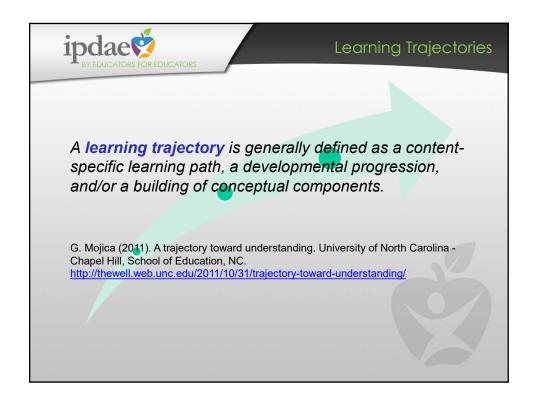


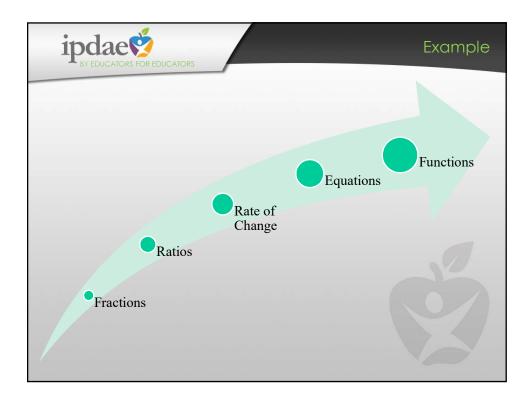


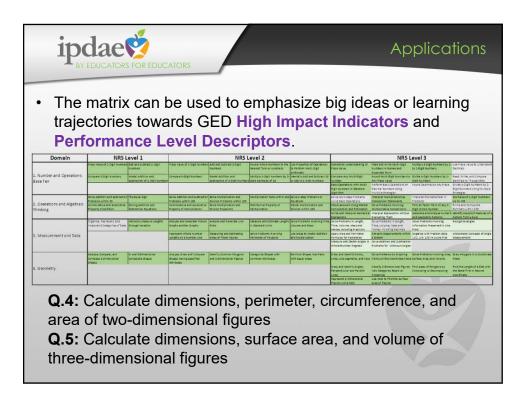


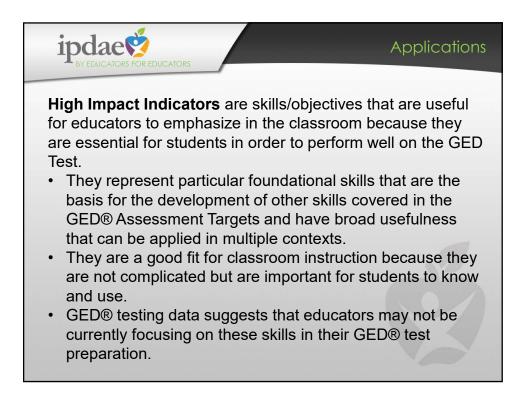
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	Place Value of 2-Digit Numbers	And and Subment 2-Digit Numbers	Pace Value of 3-Digit Number	Add and Subry we 3-Digit Numbers	Round White Northers to the Resnet Tens or Hundrade	Use Properties of Operations to Partners Multi-Digit	December Genearing of Res. Lot	Reat and Write Multi-Dgit Rombers in Names and	Mutterly & Digit Numbers by 2 to 3-Digit Numbers	Use Place Value to Understa Decimals
Number and Operations:	Compare 2-Oign Numbers	Model Addition and Subtraction of 2-Dist Number	Complete 3-Digit Numbers	Model Addition and Subtraction of 3-Doot Number	Multarly 1-Digit Numbers By 2 Digit Multaries of 10	Avanuation Mentally Add and Subtract 30 or 300 to 3-Dast Numbers	Compare any Millin Date	Expanded Form Round Multi-Dig t Numbers to Any Place Value	Divide 4-Digk Numbers by 5-	Read, Write, and Compare
se Ten		CONCERNMENT OF LOOP NAMES		purvents in scipring-like	De transference de 10	In room so de souses	Basic Operations with Multi- Dart Northers of Standard	Perform Basic Operations on Decimal Numbers Using	Roand Decembers Roy Place	Devide #-Digit Norribers by 2 Dept Norribers Using Multipl
	Solve Addition and Subtraction	The Toy of Star	Sale Antras and Submarily	Through the other states	Multiplement facts within 100	Column To Room Productions of	Salardon Solid Multi State Problems	Multiple Strategies Inspirate Multiplication as	intervet the Estimates in	Strategies Multiples of 3 Digit Number
Operations and Algebraic	Excellence within 55	Solver Address and	Propriang within 100	Oli-Ist Problems within \$20	Detroutive Property of	Equations Model Multiplication and	Using Back - personal Check A - mers Using Ments	Comparison Instantis	Propierts	Up to 300 Prime and Composite Numb
inking	Froperty of Addition	Subtraction Equations	Property of Multiplication	Set Mutigliceson and den Egustons	Multiplication	Decision within 300	Come adapt and Estimation	Multiplicative Comparisons	Digit Whole Number	weekin \$00
							and inperpret Numerical Experiment	Interpret Expressions without Evaluating Them	Cenerate and Analyze Sumero and Ceneratic Patterns	Stantify inexplicit Features a Pattern from a Rule
	Organiza, Represent, and Interpret 3 Categories of Data	Indiantly Measure Langths Obrough Itariation	Analyse and Generate Picture Graphs and Bar Graphs	Analyze and Opherate Line Picci	Measure and Estimate Length In Standard Units	Solve Problems Involving Time Volume and Mass	Solve Problems in Length, Time, Volume, Mass and	Solue Problems in Length, Time, Volume, Mass and	Solve Problems Involving Information Presented in Sine	Secontae Argine
Measurement and Data		Contraction of the	Represent Whole Number	Maar og stid Testmasing	Solve Problems Involving	Use Anezei to Model Addition	Money Including Fractions Rooty Area and Perimeter	Money Including Decimals Convert Measurements within	Field Organize Unit Fraction Data	Understand Concepts of Any
			Longths on a Number Une	A of Plane Revise	Farmerar of Polyants	and Muklokcation	Formulas for Rectangles Mensure and Earth Ander In	a Bystem Solue Addition and Substaction	(1/2, 1/4, 1/2) in a Line Plot	Measurement
	Analyse Company and	2- and 3-Operational	Analyze, Draw and Compare	Identify Common Polysons and		Particle Shaper and Party and	Whole-Number Degrocs Draw and Identify Points	Problems for Unknown Argies Solve Froblems by Graphing	Solue Problems Involvers Area	
	Compose 3-Omerational	Composite Shapes	Shapes Paring Specified	1-Dimensional Figures	Category Aspession Colore encloses	Cipuel Armen	Lines, Line segments, and Rays	Points on the Coordinate Plane	Solve Problems Involveg with	Dere Polyton in Scooler
Geometry	Stepes		Artellutes				Draw and Manky Argins.	Classify 2-Dimensional Figures	Find Areas of Polygons by	Friction Largeb of a Dick with
							Perjands der mid Parallel Unite	into Categories Based on Properties	Composing or Decomposing	the Sarra Fint or Second Coordinate
							Ant 3-Dimensional Tel resulting Nets	Use Nets to Find the Junie;e Area of Figures		
			Represent Fractions with Denominators 2, 3, 4, 6, or 8	Recognize Equivalent Fraction	Noe Vous Models to Represent Equivalent Practices	Compare Fractions with the Same Numerator or	Deserve Lauruniers Processos	Compare Tractions Using Common Numeration or	Decompose Fractions as Sum of Fractions with the sprie	Decompose Fractions as Multiples of Unit Fractions
Number and Operations:			on a Number Line			Denominator .	Use Models = Ruesate	Compare Fractions Unine	Denominator Add and Subtract Mixed	Multiply fractions by a Who
actions							Equivalent Pacture	Benchman Frontions Such as	Numbers Using Equivalent	Number
							Mum a and Dwide Tractions	Solide Precisions Involving Multiplication and Disease of	Convert Freizigna with Demonstrators 10 or 100 to	Solve Pastiens involving Addition and Subtraction of
									Demomenators \$0 or \$00 to	

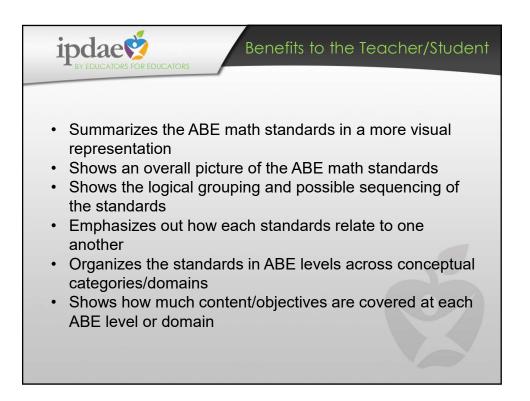


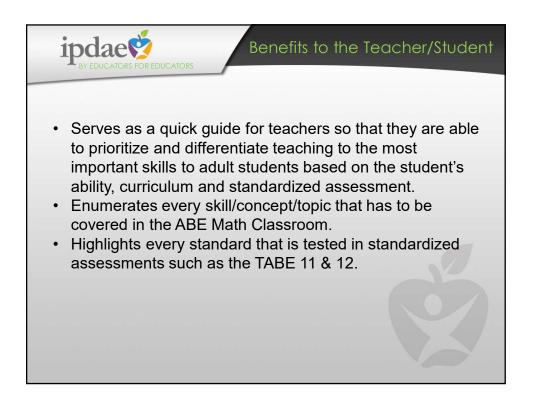


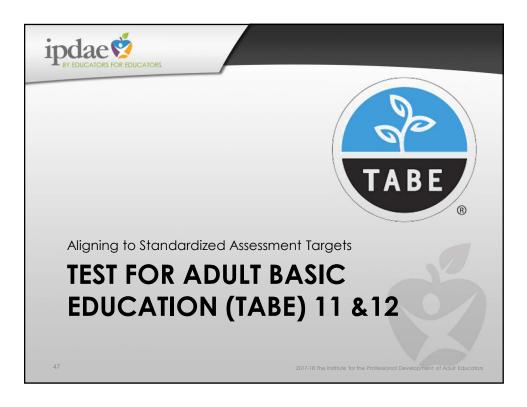


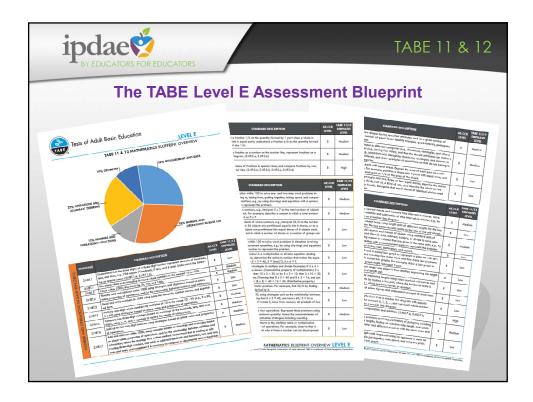












	ompari		Atrix to 1	the TABE		nent B	luep	orints
D	Unidin	Place Value of 2-Digit	Add and Subtract 2-Digit	Place Value of 3-Digit	Add and Subtract 3-Digit	Round Whole N		Use Properties of Opera
		Numbers	Numbers	Numbers	Numbers	the Nearest Ten Hundreds		to Perform Multi-Digit Arithmetic
. Number Base Ten	and Operations:	Compare 2-Digit Numbers	Model Addition and Subtraction of 2-Digit Numbers	Compare 3-Digit Numbers	Model Addition and Subtraction of 3-Digit Numbers	Multiply 1-Digit 2-Digit Multiples		Mentally Add and Subtra 10 or 100 to 3-Digit Nun
(%)	STANDARD		STANI	DARD DESCRIPTION	ı		AE-CCR LEVEL	TABE 11/12 EMPHASIS LEVEL
TEN (28%)	2.NBT.1	tens, and ones; e.g		three-digit number i ndreds, 0 tens, and 6 8T.1.b)			В	Low
E H	3.NBT.1	Use place value u	nderstanding to rou	und whole numbers to	the nearest 10 or	100.	В	Medium
BASE	2.NBT.2	Count within 1000	; skip-count by 5s,	10s, and 100s.			В	Medium
Z	3.NBT.2) using strategies and or the relationship be			В	Low
OPERATIONS	2.NBT.3	Read and write n ed form.	umbers to 1000 usir	ng base-ten numeral	s, number names, a	nd expand-	В	Low
PERAT	3.NBT.3			multiples of 10 in the ace value and prope			В	Medium
	2.NBT.4			used on meanings of record the results of		and ones	В	Medium
NUMBER AND	2.NBT.6	Add up to four tw of operations.	o-digit numbers usi	ng strategies based	on place value and	properties	В	Medium

Comp	o <mark>ar</mark> ir	ng the	e Matrix to	the TABE	Asses	sme	ent E	Bluepr	ints
	Solve Addi Subtraction within 20		The Equal Sign	Solve Addition and Subtraction Problems within 100	Solve Multiplicati Division Problems 100		Multiplicat 100	ion Facts within	Solve 2-Step Problems or Equations
2. Operations and Algebraic Thinking	Commutat Associative Addition	ive and Property of	Solving Addition and Subtraction Equations	Commutative and Associative Property of Multiplication	Solve Multiplicati Division Equation		Distributive Multiplicat	e Property of ion	Model Multiplication and Division within 100
		STANDARD	ST	ANDARD DESCRIPTION		AE-CCR LEVEL	TABE 11/12 EMPHASIS LEVEL		
		2.0A.1	Use addition and subtraction with volving situations of adding to, ta ing, with unknowns in all positions, for the unknown number to repres	king from, putting together, takin e.g., by using drawings and equ	g apart, and compar-	В	Medium		
		3.0A.1	Interpret products of whole numb in 5 groups of 7 objects each. For of objects can be expressed as 5	ers, e.g., interpret 5 x 7 as the to r example, describe a context in		В	Medium		
	KING (22%)	3.0A.2	Interpret whole-number quotients of objects in each share when 56 number of shares when 56 object For example, describe a context i be expressed as 56/8.	objects are partitioned equally s are partitioned into equal shar	into 8 shares, or as a es of 8 objects each.	В	Low		
	IC THIN	3.OA.3	Use multiplication and division wit equal groups, arrays, and measur with a symbol for the unknown nu	rement quantities, e.g., by using a		В	Low		
	GEBRA	3.0A.4 1	Determine the unknown whole num three whole numbers. For exampl- tion true in each of the equations	e, determine the unknown numbe	that makes the equa-	В	Low		
	DPERATIONS AND ALCEBRAIC THINKING	3.0A.5	Apply properties of operations as 24 is known, then $4 \times 6 = 24$ is al 5 x 2 can be found by 3 x 5 = 15 (Associative property of multiplica find 8 x 7 as 8 x (5 + 2) = (8 x 5	so known. (Commutative property 5, then $15 \times 2 = 30$, or by $5 \times 2 =$ ation.) Knowing that $8 \times 5 = 40$ at	of multiplication.) 3 x = 10, then 3 x 10 = 30. ad 8 x 2 = 16, one can	В	Low		
	RATIO	3.04.6	Understand division as an unknow the number that makes 32 when n	n-factor problem. For example,		в	Medium		
	OPE	3.0A.7	Fluently multiply and divide within multiplication and division (e.g., keep properties of operations. By the e one-digit numbers.	n 100, using strategies such as th nowing that 8 x 5 = 40, one kno	ws 40/5 = 8) or	В	Low		
		3.0A.8	Solve two-step word problems usi equations with a letter standing for answers using mental computation	or the unknown quantity. Assess th	e reasonableness of	В	Medium		
		3.0A.9	Identify arithmetic patterns (includ table), and explain them using pro- times a number is always even, an into two equal addends.	operties of operations. For exam	ple, observe that 4	В	Low		

	ORS FO	OR EDUC	ATORS e Matrix to	the TABE A	Assessi	ner		E 11 & 12 rints
		, Represent, and 3 Categories of		Analyze and Generate Picture Graphs and Bar Graphs	Analyze and Generate	Line Plots	Measure and Estimate Leng in Standard Units	gths Solve Problems Involving T Volume and Mass
8. Measurement and Data				Represent Whole Number Lengths on a Number Line	Measuring and Estima Areas of Plane Figures		Solve Problems Involving Perimeter of Polygons	Use Areas to Model Addition and Multiplication
		STANDARD	ST	ANDARD DESCRIPTION		AE-CCF LEVEL	TABE 11/12 EMPHASIS LEVEL	
	-	3.MD.1	Tell and write time to the nearest word problems involving addition representing the problem on a nu	and subtraction of time interval		в	Medium	
		2.MD.2	Measure the length of an object t measurements, describe how the			В	Low	
	(9	3.MD.2	Measure and estimate liquid volu grams (g), kilograms (kg), and lite step word problems involving ma using drawings (such as a beaker	ers (l). Add, subtract, multiply, or sses or volumes that are given in	divide to solve one- the same units, e.g., by	в	Medium	
	8%	2.MD.3	Estimate lengths using units of inch	nes, feet, centimeters, and meter	5.	В	Low	
	MEASUREMENT AND DATA (28%)	3.MD.3	Draw a scaled picture graph and eral categories. Solve one- and t using information presented in sca which each square in the bar gra	wo-step how many more and ho sled bar graphs. For example, d	w many less problems	в	Low	
	L ANI	2.MD.4	Measure to determine how much difference in terms of a standard		r, expressing the length	В	Low	
	REMEN	3.MD.4	Generate measurement data by fourths of an inch. Show the data marked off in appropriate units -	by making a line plot, where th	e horizontal scale is	В	Low	
	EASU	3.MD.5	Recognize area as an attribute or surement. (3.MD.5.b)	f plane figures and understand	concepts of area mea-	В	Low	
	W	2.MD.6	Represent whole numbers as leng spaced points corresponding to the sums and differences within 100 of	ne numbers 0, 1, 2,, and repre		В	Low	
		3.MD.7	Relate area to the operations of 3.MD.7.c, 3.MD.7.d)	multiplication and addition. (3.N	lD.7.a, 3.MD.7.b,	В	High	
		3.MD.8	Solve real world and mathematic finding the perimeter given the si iting rectangles with the same per different perimeters.	de lengths, finding an unknown s	ide length, and exhib-	в	Medium	
		2.MD.10	Draw a picture graph and a bar with up to four categories. Solve lems using information presented	simple put together, take-apart,		В	Low	

	Con	nparing the M	atrix to	the TABE A	ssessmer	nt Blu	eprin	ts
		Analyze, Compare, and Compose 3-Dimensional Shapes Co	and 3-Dimensional omposite Shapes	Analyze, Draw and Compare Shapes Having Specified Attributes	Identify Common Polygons and 3-Dimensional Figures	Categorize Shape: Common Attribut		rtition Shapes into Pa ual Areas
	STANDARD		STANDA	RD DESCRIPTION			AE-CCR LEVEL	TABE 11/1 EMPHASI LEVEL
(0)	2.G.1	Recognize and draw sha angles or a given numbe hexagons, and cubes.					В	Medium
GEOMETRY (10%)	3.G.1	Understand that shapes may share attributes (e.g. larger category (e.g., qu examples of quadrilater any of these subcategor	g., having four s vadrilaterals). R als, and draw o	ides), and that the st ecognize rhombuses,	ared attributes can rectangles, and squ	define a Jares as	В	Medium
GEO	3.G.2	Partition shapes into par fraction of the whole. Fo describe the area of eac	r example, par	tition a shape into 4	parts with equal ar		В	Low
	2.G.3	Partition circles and rector using the words halves, the halves, three thirds, four not have the same shape	hirds, half of, a fourths. Recogn	third of, etc., and de	scribe the whole as	two	В	Low

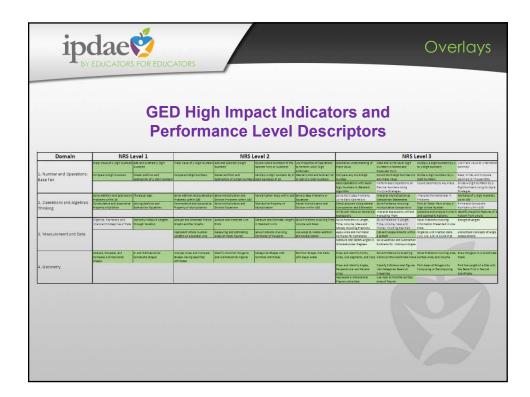
	Comp	paring the Matrix to the TABE Assessment Blue	eprints	
		Represent Fractions with Recognize Equivalent Use Visual Mod Denominators 2, 3, 4, 6 or 8 Fractions on a Number Line Represent on a Number Line	valent Same	pare Fractions wit Numerator or minator
Number a actions	nd Operations:			
(°)	STANDARD	STANDARD DESCRIPTION	AE-CCR LEVEL	TABE 11/ EMPHAS
NUMBER AND OPERATIONS —FRACTIONS (12%)	3.NF.1	Understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size 1/b.	В	Medium
R AND	3.NF.2	Understand a fraction as a number on the number line; represent fractions on a number line diagram. (3.NF.2.a, 3.NF.2.b)	В	Mediun
	3.NF.3	Explain equivalence of fractions in special cases, and compare fractions by rea- soning about their size. (3.NF.3.a, 3.NF.3.b, 3.NF.3.c, 3.NF.3.d)	В	High



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Domain	-	auit i .evel 1	Basic		ation	ı (ivia	tnen		S) CUI Level 3	rricul	um iv		(.evel 4	
. Number and Operations: Base Ten	Place Value of 2 Digit Number Company 2 Digit Stumbers	n Ast and Salitine 2 Ogs Number Madat salitise and Salitineties of 2 Ogs Numbe	Place Value of 3 Oget Number Company 3 Oget Number 7	Add and Submort 1 Ope Number Mades Address and Submotion of 3 OperAumber	Round Where Numbers to the Netword Tencor Hundreds.	Our Properties of Operations Addure Multi Digit Arthreet Meetally Add and Tablead 20 or 200 to 3 Digit Nambers	e Generalise Understanding of Mach Välwa Can pace Ary Multi Olgit Namber Bace Operation: with Multi Digt Munifort in Standard date Min	Erect and Write Multi Digit Number II in Namet and Expanded Form R and Multi Digit Anale and Any Place Value Rolfman Back Operations on Decimal Numbers Using	Multiply 4 Digit Nambers to 1 to 2 Digit Municors Diale 4 Digit Municors by 1 Digit Numbers	Decimals to The pendity Duride 4 Digit Numbers by 2 Digit Numbers Using Multiple				
. Operations and Algebraic Thinking	Solve Addition and Submodile Problems within 20 Con Instance and Associative Property of Addition	n The Equal Sign Solving Address and Tuberation Equations	Sole: Addition and Submittion Problems within 200 Commutative and Alabolizative Progenity of Multiple alian	Edive Multiplication and System Problems within 120 Solivi Multiplication and Division Equations	Multiple store Facts within 10 Distributive Property of Multiple allow	Have the second	Age within Solve Multi-Dep Problems Once Autority Cognitions Check Answers Cong Montal Care parates and Esternation Write and Interpret Namenco Depressions Solve Problems in Length,	Multiple Bradegee Interpret Multiplication on Comparison Readments Solve Produces I technique Multiplicative Comparison Interpret Benetision without Enclueing Them Solve Produces air Length,	Interpret the Research is Problems Ref. All Facto / Part of Any 2 Days School Part of Any 2 Days School Particle Governate and Analyse Numeric and Governetic Partices Solve Troblems Incolving	Swangers Multiplin of L Digit Numbers 501 to 120 Prime and Compatitio Number within 120 for Identify in calified Frankris of a Pattern trom a Bule Receipter Angles				
3. Measurement and Data	interpret 3 Categories of Bots	through territion	Graphe Lod Kar Graphe Rep oc.ont Whate Number Longitiv on a Number Line	Pice Massaring and Edimetring Arress of Pierce Egisters	in Readerd Units Solar Protocols Involving Perimeter of Polygons	Polumo and Matt Crur Analo ta Malain Addea s and Mattalication	Time, volume, Maiz and Mores inducing Fractions Apply Issue and Pointener Remulae for Rendwales Measure and Skrish Angles in While Number Degrees	Time, Volume, Mass and Money including Decreate Convert Measurements within a System Solver Additionand Salitisation Problems for Unitedwar Angle	Information Properties in Line Posts In Digensis Unit Numeric Sola (U.S. 24, 2/8) in spin-c Plet	b Understand Care optic of Angle Measurement				
4. Geometry	Analyse , Company, and Company 3: Demonstronal Shapes	2 and 1 Dm Incoma Composite Stepes	A salyte, braie and Campare Shaper Hening Specified Attributes	lill antify Common Puriges can 3 Dimensional Agures	d Congerie Segan with Connor Attributes	Pathlen Shipes Into Path with Equil Areas	 Dow and samply Force, Like Line segments, and Ruy Dow and Identify Angles, Propende Like and Passiel Liked Represents 3 Dimensional Approx Down Not 	 Salve Problems By Braghing Points on the Cacodinate Plan Classify J Dimensional Equito inter Collegence Bland on Properties Dec Nette to Find the Sarfson Accounting on the Sarfson 	Solve Problems Involving days to Sa Rate Area, and Volume a Reid Areas of Polygens by Comparing or Desimplering	 Draw P shgirls in a Casedoute Pase Find the sought of a 346 with the Same Prot or Second Casedoute 	Selie Problems Involving Scale Desvings of Geometric Figure 5 Selie Problems Involving Angle Minac Januar, SA and Yolumi	Produce Congruence and Similarity Using Models Receptor Congruence and Similarity Item Transformations	Angle Sum and Extenses Angles of Triangles and Transversals Bipblin and Apply the Pythagenean Theorem]
5. Number and Operations: Fractions			Roy was not in a diana si M. Denominati 6.2, 3, 6, a i Zian a Number Line	A sugeran Equivalent Produce	 Cos Visual Visibili e Reprise at Equivalent Railloc 	Exergion Production under the listene Recinecidar dor Demonstrator	Consiste Equivalent Human Das Models to Illustrate Equivalent Fractions Multiply and Divide Aractions	Emigran Provine Umg Campan Provine Security Decompany Provine School Company Provine School Company Provine School Company Provine School Company Provine School School Problems I mobiling Makingkisston and Delaison of Provine	Platters Convert Rections with	e Evan repairs Position on Mathylics of Cost Positions Multiply Fractions by 2 Mihile Martiply Positions of 2 Mihile Solver Poblems I making Addition and Subtraction of Practices				
5. Expressions and Equations							Unite and Evaluate Algebraic Expressions with Exponents Portians the Oxdor of Operations on Algebraic Expressions		Use Substitution to Determine the Sputtor or mogality in Tage to On Vanden to Reprocent Two Entered Quantities in a Problem	E Express Ove Quantity as the Dependent Variable of the Another Quantity Exc elegation, tables and Equations to Departure Relations logs	Add, Salimas, Rucker, and Exposed Linear Expressions Rounto Exposations to Show Relates when Distances Quantities Softe Simultaneous Linear Expansions on One Variable	Constrait Byaitons and Inc.qualities to Solid Problems bolivs Problems Long Aprèsis Equations with famoreal Coefficients	Apply the Properties of Biologic entrop line and Biologic entropy line and Biologic Biologic and Cube Roots of Perfect Sources and Cubes	Solve Prelicens Investin Quantities in Scientific Nation Brayin Proportional Braining High Unit Ret Silope
7. The Number System							Poundy Divide Multi-Dige Numbers Mild Wo Load Common Multiple of Two Numbers 513	Fournity Add, Submark, Multip and Duride Multi Digit booms Oxa Mardels to Ita Blabs, Interpret and Canadas Conterne of Pacifices	by Find the Groatest Correspond dis Rocker of two Martbers 2 200 Salar Problems should be Draines of Factions by Riadoom	Apply Distributive Property In Generatio Equivalent Trapention	Destinal	PolyTind Ordered Pars of 8 zonal Numbers on 5 Combinite New Conditions and Exhibits Alter Are Value of National Numbers Solve Produces see National Numbers	Baplain Statemony of Order and recouldry Using Encinder Line: Baker Problems by Staphong Red Rational Approximations of Instatemal Number 6	Add and Submark Later Numbers Using a Numb Numbers Summers Estimate the Location of Institute Numbers Solve The Biome Invalue
3. Ratios and Proportional Relationships							Describe a finistenetig Between Two Quantities uran a fixes				Explain the Unit Rate a/b As sociated with the Ratio 3.0, with 6 + 0	Use Various Techniques to Solve Phoblem 23 techniq Ration	Represent Proportion & Rotation schipt by Bigustions and Gruphs	Solve Perblem Investor
							Donus Statistical Questions Involving Variability in Data	Docum Datate al Questions Involving Contor, Sproad and Overall Shape	Disease the Measury of Center and Variation for a Namerical Data Set	 Display Numerical Data in Plan an a Number Line: Dat Plan, Histograms, Box Plots 	Relate Measures of Center and Usrability to Data Doblighton and Contole	Drew InformatiCompletere Informatic Elevel Two Populations	Red as Approximate the Probability of Simple & Compound Brotts with Variou	Piets from Two Way Ta Viets from Two Way Ta

P	dae	S FOR EDUC	SATOPS						Ove	nays	
UT.	EDUCATOR			ng Tra	jecto	y Ove	erlays				
Domain	NRS Level 1		1	NRS	Level 2		NRS Level 3				
1. Number and Operations: Base Ten	Place Value of 2-Digit Number	Add and Subbrid 2-Digit Numbers	Face Value of 3-Digit Number	Add and Subtract 3-Digit Numbers	Round Whole Roumbers to the Searest Tens or Hundrats	Use Properses of Operations on Perform Multi-Oigit Arithmatic	Ceneralize Understanding of Place Value	Read and Write Web-Digit Numbers in Names and Right-ded Yorm	Multiply + Olgit Numbers by 1- to 2-Olgit Numbers	Use Place Value to Unders George	
	Compare 2-Og t Numbers	Aduated Addition and Subtraction of 2-Digit Rombia	Compare 3-Digit Rumbers	Model Addition and Editraction of 3 Ogit Norther	Multiply 3-Digit Numbers By 3 Digit Multiples of 30	Marcla Is Add and Subir at 10 or 500 to 3-Digit Numbers	Compare Any Multi-Digit Number Basic Occursions with Multi- Dati Numbers in Bangard	Rome Multi-Digit Nonbers te Any Face Usion Farlom East Occasionson Decimativenbers Jaina	Serie 4-Digt Vontees by 5- Dig Il Normans Round Dechtation Any Place	Next, Write, and Company Overnation Thesandha Okies 4-Olgi, Numbers by Olgi, Numbers Joing Mult	
2. Operations and Algebraic Thinking	Solux Addition and Subtraction Froblems within 20 Commutative and Associative	The Equal Sign Schung Addition and	Solve Addition and Submediate Problems within 100 Commutative and Associative	Solve Multiplication and Overale Problems within 200 Solve Multiplication and	Multiplication facts within 122 Desilibutive Property of	Salve 2-32 op Problemane Equations Model Multiplication and	Approxim Silve MusiCop Preserve Long Sere Diservision Deck Analysis Using Marcal	Murchie Britog es Interpret Mutgikonten es Comparison Statemans Solna Problema Insching	magent the Terrender In Tradients Ted Allfatter Paris of Are 2	Stategies Multiples of S-Ogit Rumb Up to 800 Prime and Composite Yur	
	Property of Addition	Butmation Equations	Property of Ulutiplication	Division Equations	Mutplcation	Delater eltra 100	Computation and Extimation Write and Interpret Numerical Expressions	Multiplicative Comparisons Interpret Expressions without Evaluating Them	Digit White Humber Digit White Humber Banaras and Analyse Numeris and Boomedic Pacianta	within 100	
). Measurement and Data	Organiza, Represent, and Interpret 3 Categories of Data	Indirectly Measure Lengths Through Iberation	Analyze and Generate Ficture Graphs and Bar Graphs	Analyze and Generate Line Fluts	in Standard Units	Sove Provensiews wag Time Volume and Mass	Time, Volume, Mess and Money Including Fractions	Solve Problems in Length, Time, Volume, Masa and Manay Instuding Chaimais	Solve Problems Involving Information Presented in Line Piete	Recognite Angles	
			Kanssen Whole Nonton Langth: on a Number Line	Massuring and Estimating Areas of Flane Rigores	tone Processing Parmace of Polygons	Use Areas to Model Addition and Multiplication	Apply Area and Parlimate Formulas for Rectangles Measure and Sketth Angles in Whole Number Degrees	Convers Maasuraments within a System Solve Addition and Subcraction Problems for Unknown Angles	Organiza Unit Practice Data (2/2, 1/4, 1/8 in a Line Plat	Understand Concepts of A Measurements	
	Analyse, Company, and Compose 3-Denamining Singen	3- and 3-0 mensional Composite Shabes	Analyse, Draw and Company Shapes Vising Specified Amobulant	Identify Common Polygons and 3-Ormanounal Figures	Consecto Dispesio In Consecto Attributes	Partition Shapes with Parts with Equil Areas		Salas Problems to Graphing Parts on the Coordinate Pare Classify 2-Dimensional Figures	Solve Problems Inscising Area, Sorface Area, and Volume Find Areas of Polyaora by	One Polygons in a Court Plana Any the anathol a Solar	
4. Geometry							Percentition and Percent Percentition and Percent Line Represent 3 Simana prod	Classify 2-Dimensional Figures into Categories Based on Properties Use Lans to 7 potents 1, more	Composing or Decomposing	the Terre Trist or Tecord Coordinate	
			Represent Fractions with Decommendary 2, 3, 4, 6, or 8	Recignae Equivalent Frection on eNumber Line	- Une Viewel Modele to Represent Equivalent Frection	Compare Fractions with the Same Numerator or	Reported Equivalent Fractions	Area of Tigures Compare Precision Living Common Numeration or	Decompose Frections as Sum of Frections with the same	Occumption Fractions on Multiples of Unit Fraction	
5. Number and Operations: Fractions			or a Number Line	1	-	Ownominator	Use Module to Rustrate Equivalent Practions	Company Fractions Using Benchmark Fractions Such as 1/2	Denominator Add and Subtract Minad Wumbers Using Equivalent Fractions	Mutale Practices by a W Number	
							Multiply and Divide Fractions	Solve Froblerer Involving Multiplication and Divelon of Fractions	Convert Fractions with Deterministics 10 or 100 to Decimals	Solve Problems Involving Addition and Subtraction Fractions	
			1				Wite and Brokets Agebraic Brokesking with Beginners Rentsmittle Orgenst	foarst's and Garlaras Boulidens Higasraks Boureasons Resonance I ave Cheversone	Joe futuriturion po Data minia Manifestar pri pri necuri pri a frue Joe venes este Pepresent.		
6. Expressions and Equations							Disements in Agenetic Disements	Energe ert Pag. e tes	fradesterit, ender nie fradesterit, ender nie fradest	in , where the set of the set (in , where the set of the set	
							Ruardy 3N to Muth Digit Numbers	Muende Add, Subtract Muldov and Gil de Multi-Digt, Decimies	Field the Graphics Common Factor of Two Numbers 5 200	redis Otto but va Pripa n danarita Pri, odeni Gotimitaria	
7. The Numcer System							Rind the Least Common Multiple of Two Numbers \$12	Une Modelson Riverane, Interpret and Compute Gastients of Fractiona	Solve Problems Involving Okriston of Fractions By Fractions		

BY EDU	JCATORS FOR EDUCAT	ORS			
	Themat	ic and Ca	reer Clus	ter Overla	ays
-		Overarchi	ng Theme: Geometry (D	omain 6)	
Domain Number	Domain Name	Starting with a Point	Lines	Planes	Space
1	Number and Operations: Base Ten	Whole Number Operations			
2	Operations and Algebraic Thinking			Properties of Addition and Multiplication (Area Method of Addition and Multiplication)	Relating Volumes to Multiplication and Addition to Solve Real-World Problems
3	Measurement and Data		Representing and Analyzing Data (Line Plots)	Areas, Circle Graphs and Bar Graphs	Volumes and Surface Areas
5	Number and Operations: Fractions			Parts of a Whole and Unit Fractions	
6	Expressions and Equations	Evaluating Expressions and Solutions to Linear Equations	Linear Equations and Equivalent Expressions	Squares, Square Roots and Simultaneous Linear Equations	Cubes and Cube Roots
7	The Number System		The Number Line and Number Operations		
8	Ratios and Proportional Relationships		Double Number Line Diagrams and Graphs of Proportional Relationship	Tape Diagrams	
9	Statistics and Probability		Box Plots and Measures of Central Tendency	Dot Plots (Scatter Plots) and Histograms	
10	Functions				
		Business, Management and Administration	Communications and Information Systems	Engineering, Manufacturing and Technology	Food and Health Sciences



	TADE	4 0 40	DI					
Domain	1	11 & 12	Blueprint Overlays					
Domain	Place Value of 2-Digit Numbers	Add and Subtract 2-Digit Numbers	Place Value of 3-Digit Numbers	Add and Subtract 3-Digit Numbers	Round Whole Numbers to the Nearest Tens or	Use Properties of Operation to Perform Multi-Digit		
1. Number and Operations: Base Ten	Compare 2-Digit Numbers	Model Addition and Subtraction of 2-Digit Numbers	Compare 3-Digit Numbers	Model Addition and Subtraction of 3-Digit Numbers	Hundreds Multiply 1-Digit Numbers By 2-Digit Multiples of 10	Arithmetic Mentally Add and Subtract 10 or 100 to 3-Digit Numbe		
	Solve Addition and Subtraction Problems within 20	The Equal Sign	Solve Addition and Subtraction Problems within 100	Solve Multiplication and Division Problems within 100	Multiplication Facts within 100	Solve 2-Step Problems Equations		
2. Operations and Algebraic Thinking	Commutative and Associative Property of Addition	Solving Addition and Subtraction Equations	Commutative and Associative Property of Multiplication	Solve Multiplication and Division Equations	Distributive Property of Multiplication	Model Multiplication a Division within 100		
	Organize, Represent, and Interpret 3 Categories of Data	Indirectly Measure Lengths through Iteration	Analyze and Generate Picture Graphs and Bar Graphs	Analyze and Generate Line Plots	Measure and Estimate Lengths in Standard Units	Solve Problems Involving Time, Volume and Mass		
3. Measurement and Data			Represent Whole Number Lengths on a Number Line	Measuring and Estimating Areas of Plane Figures	Solve Problems Involving Perimeter of Polygons	Use Areas to Model Addit and Multiplication		
	Analyze, Compare, and Compose 3-Dimensional Shapes	2- and 3-Dimensional Composite Shapes	Analyze, Draw and Compare Shapes Having Specified Attributes	Identify Common Polygons and 3-Dimensional Figures	Categorize Shapes with Common Attributes	Partition Shapes into Parts with Equal Areas		





