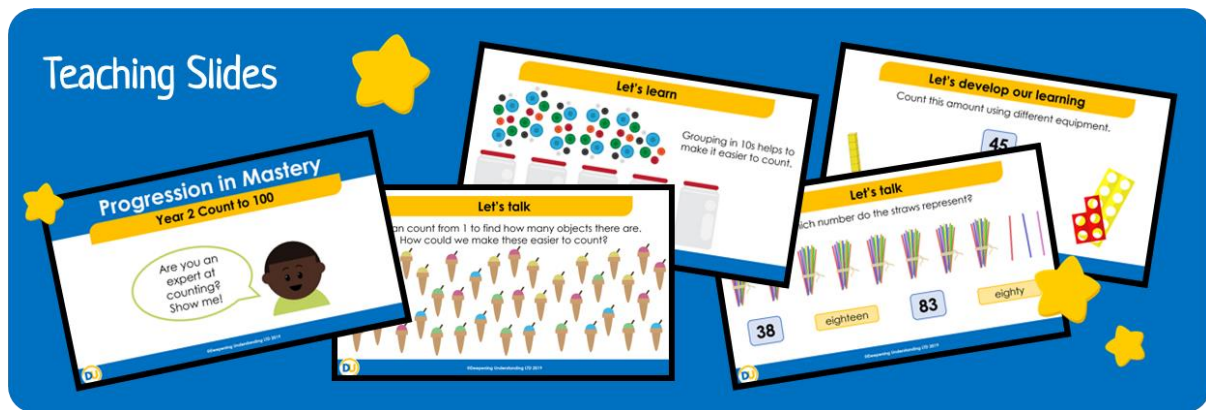


DU Year 2 Maths Planning

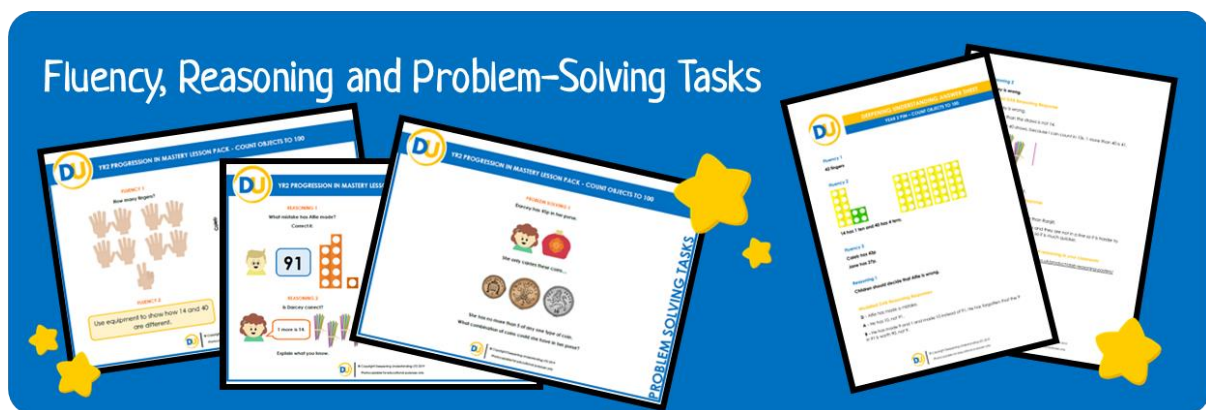
Small Steps Guide

Thanks for downloading this DU Maths Small Steps Guide for our 'Progression in Mastery' resource range. The steps we provide meet statutory and non-statutory National Curriculum standards and are designed to be compatible with other schemes such as White Rose and NCETM.

Components of our Maths PIM Range

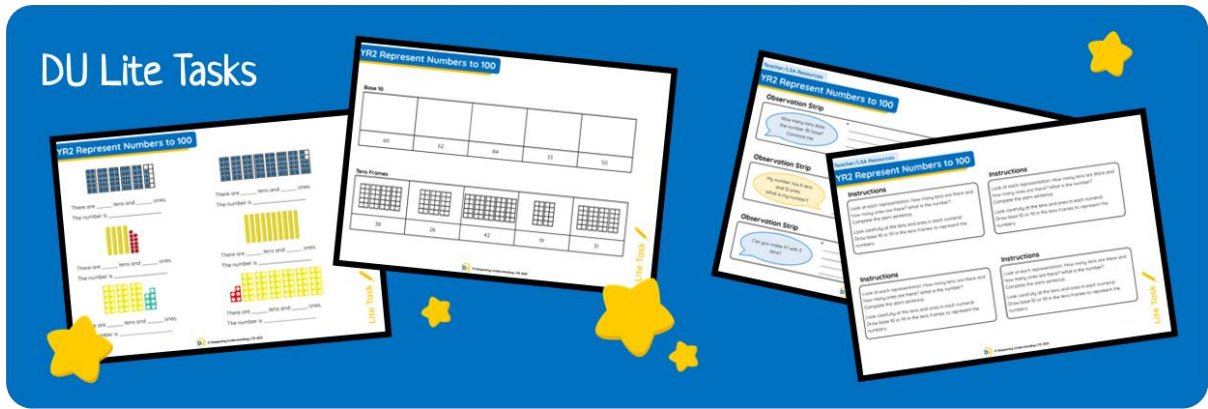


All the maths steps devised by our team come with editable teaching slides so you can easily use DU as a basis for your next lesson. The PowerPoints provided are structured in line with the philosophies of a six-part mastery lesson.



For each small step focus, you are provided with fluency application questions to consolidate learning as well as reasoning and problem solving tasks to provide challenge as pupils delve deeper into their understanding of concepts. All tasks are provided with answers, including modelled reasoning in line with our DAB (Decide, Assess, Back it up) approach. Our tasks are not differentiated: they are designed with the whole class starting at the same point and scaffolding, support and challenge offered according to pupil need.

DU Lite Tasks



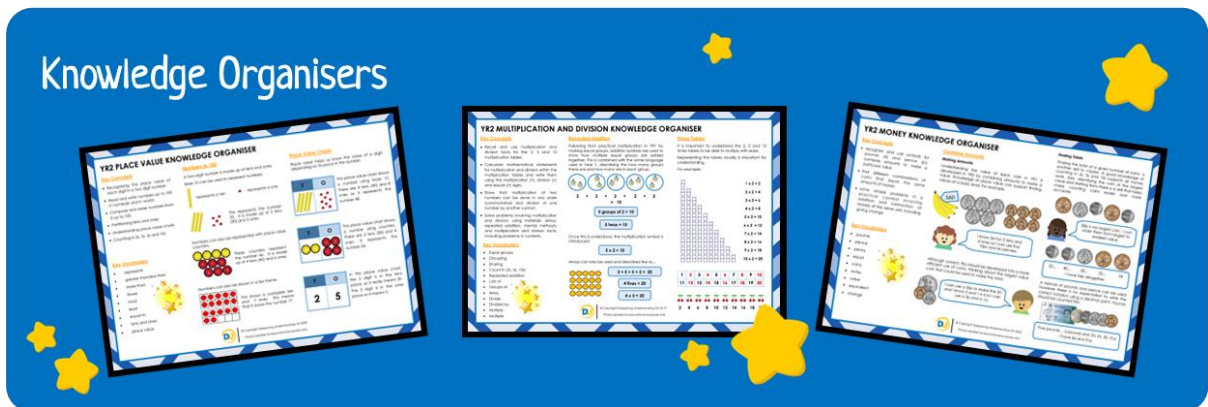
DU Lite tasks offer a more accessible approach to KS1 maths. The tasks do not feature written instructions and have been designed to be used alongside practical equipment. Observation strips are provided to allow for the demonstration of deeper understanding to be evidenced by adults working with children.

Morning Work



To revise and consolidate previous learning, we offer a set of morning work slides and Securing Skills Sheets. These tasks are designed to complement our PIM packs and revisit the content taught in the previous block of work.

Knowledge Organisers



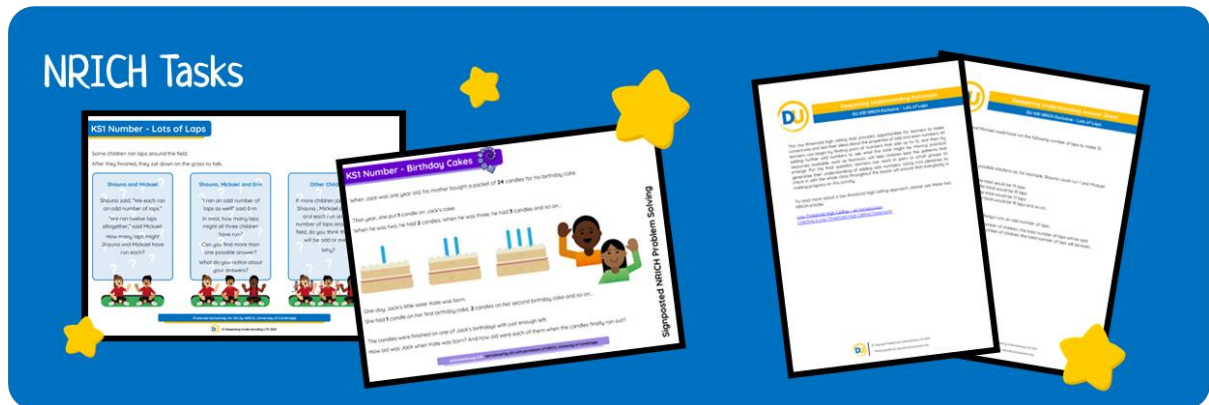
Our knowledge organisers can be used in many ways: for revision of taught content, for teacher subject knowledge or be shared with parents via a secure VLE.

Reasoning Cards



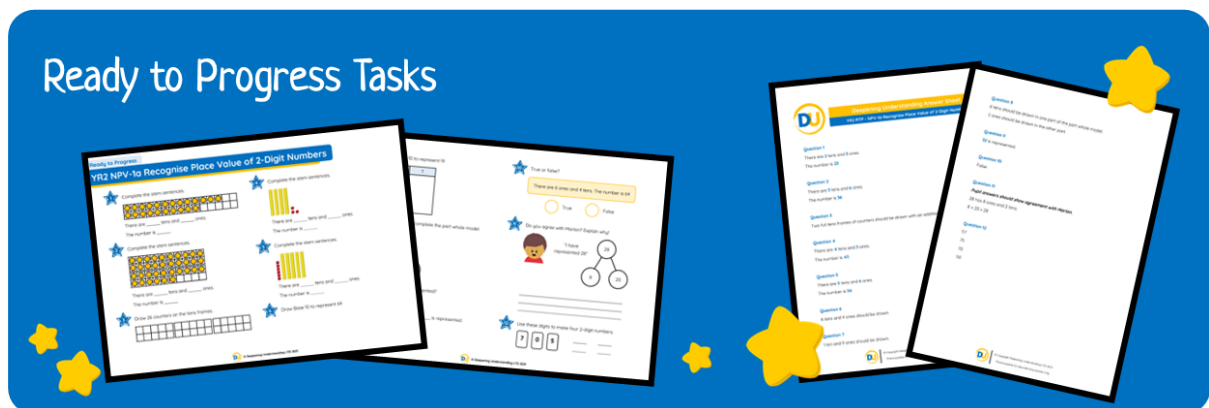
Additional tasks in the form of reasoning cards are provided. Each pack covers a broader maths objective and are useful as tasks for homework or early finishers.

NRICH Tasks



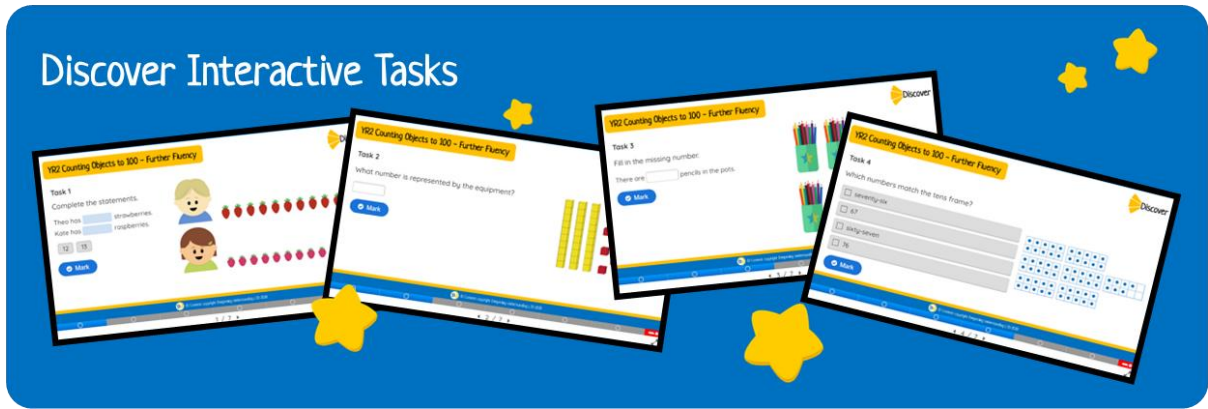
Our partnership with NRICH offers a range of exclusive 'low threshold, high ceiling' problem solving tasks. These tasks are designed to be accessible by every pupil with scope for extending the learning journey in different directions. You can also access signposted tasks and CPD articles from the NRICH tab.

Ready to Progress Tasks



These tasks are designed to be used alongside the NCETM Ready to Progress materials. They offer additional assessment questions broken down into smaller steps, enabling you to assess exactly which areas your pupils are secure in or if further instruction is required.

Discover Interactive Tasks



As a DU subscriber, you are also given access to Discover (our online learning platform). Each of our maths steps has an interactive task that you can assign to your pupils to complete on an electronic device. These tasks are automatically marked and can quickly provide you with performance data across your class with our question-by-question breakdown of results. These resources are perfect for alternative classwork, interventions and homework. Simply search the step name or number when setting up your next assignment in 'My Account'.

If you've not used Discover yet, don't worry!

All your questions and answers can be found [here](#).

Our Small Steps Collection

The grid below outlines how you may sequence each step in your Year 2 learning journey. It also allows you to reflect upon our offering and select individual steps of maths to match the approach delivered in your setting. DU always encourages you to make changes to the materials we provide to suit the needs of pupils you teach and align our materials to any school philosophies as part of your research-driven curriculum.

Year 2: Autumn Term A - Place Value

Step Number	Pack Name	RtP
001	Counting to 100	YR1 NPV 1a
002	Reading and writing Numbers to 100	
003	Represent Numbers to 100	
004	Tens and Ones: Part-Whole Model	NPV 1b
005	Tens ands Ones using Addition	NPV 1c
006	Use a Place Value Chart	NPV 1a
007	Compare Objects	
008	Compare Numbers	
009	Order Numbers	
010	Count in 2s, 5s and 10s	
011	Count in 3s	

Year 2: Autumn Term A – Addition and Subtraction

Step Number	Pack Name	RtP
012	Fact Families (Bonds to 20)	
013	Check Calculations	
014	Compare Number Sentences	
015	Related Facts	
016	Bonds to 100 (tens)	
017	Add and Subtract 1s	AS 3b
018	10 More and 10 Less	AS 3c
019	Add and Subtract 10s	AS 3a
020	Add a 2-Digit and a 1-Digit Number (crossing 10)	
021	Subtract 1-Digits from 2-Digits (crossing 10)	AS 1c
022	Add Two 2-Digit Numbers (not crossing 10)	AS 4a
023	Add Two 2-Digit Numbers (crossing 10)	AS 4b
024	Subtract 2-Digits from 2-Digits (not crossing 10)	AS 4c
025	Subtract 2-Digits from 2-Digits (crossing 10s)	AS 4d
026	Bonds to 100 (tens and ones)	
027	Adding Three 1-Digit Numbers	AS 1a

Year 2: Autumn Term B – Measurement: Money

Step Number	Pack Name	RtP
028	Count Money - Pence	
029	Count Money - Pounds	
030	Count Money - Notes and Coins	
031	Select Money	
032	Make the Same Amount	
033	Compare Money	
034	Find the Total	
035	Find the Difference	
036	Find Change	
037	Two-Step Problems	

Year 2: Spring Term A - Multiplication and Division

Step Number	Pack Name	RtP
038	Recognise Equal Groups	MD 1a
039	Make Equal Groups	
040	Add Equal Groups	
041	Multiplication Sentences using the \times Symbol	
042	Multiplication Sentences from Pictures	
043	Use Arrays	
044	2 Times Table	MD 1b
045	5 Times Table	MD 1c
046	10 Times Table	MD 1d
047	Make Equal Groups (sharing)	
048	Make Equal Groups (grouping)	
049	Divide by 2	
050	Odd and Even Numbers	
051	Divide by 5	
052	Divide by 10	

Year 2: Spring Term A - Statistics

Step Number	Pack Name	RtP
053	Make Tally Charts	
054	Draw Pictograms (1-1)	
055	Interpret Pictograms (1-1)	
056	Draw Pictograms (2, 5 and 10)	
057	Interpret Pictograms (2, 5 and 10)	
058	Block Diagrams	

Year 2: Spring Term B - Geometry: Properties of Shape

Step Number	Pack Name	RtP
059	Recognise 2D and 3D Shapes	G 1a G 1b
060	Count Sides on 2D Shapes	
061	Count Vertices on 2D Shapes	
062	Draw 2D Shapes	
063	Lines of Symmetry	
064	Sort 2D Shapes	
065	Make Patterns with 2D Shapes	
066	Count Faces on 3D Shapes	
067	Count Edges on 3D Shapes	
068	Count Vertices on 3D Shapes	
069	Sort 3D Shapes	
070	Make Patterns with 3D Shapes	

Year 2: Spring Term B - Fractions

Step Number	Pack Name	RtP
071	Make Equal Parts	
072	Recognise a Half	
073	Find a Half	
074	Recognise a Quarter	
075	Find a Quarter	
076	Recognise a Third	
077	Find a Third	
078	Unit Fractions	
079	Non-Unit Fractions	
080	Equivalence of Half and Two-Quarters	
081	Find Three-Quarters	
082	Count in Fractions	

Year 2: Summer Term A – Measurement: Length and Height

Step Number	Pack Name	RtP
083	Measure Lengths (cm)	
084	Measure Lengths (m)	
085	Compare Lengths	
086	Order Lengths	
087	Measure Lengths (Four Operations)	

Year 2: Summer Term A – Position and Direction

Step Number	Pack Name	RtP
088	Describing Movement	
089	Describing Turns	
090	Describing Movement and Turns	
091	Making Patterns with Shapes	

Year 2: Summer Term A – Time

Step Number	Pack Name	RtP
092	O'clock and Half Past	
093	Quarter Past and Quarter to	
094	Telling the Time to Five Minutes	
095	Hours and Days	
096	Find Durations of Time	
097	Compare Durations of Time	

Year 2: Summer Term B – Mass, Capacity and Temperature

Step Number	Pack Name	RtP
098	Compare Mass	
099	Measure Mass	
100	Compare Volume	
101	Millilitres	
102	Litres	
103	Temperature	