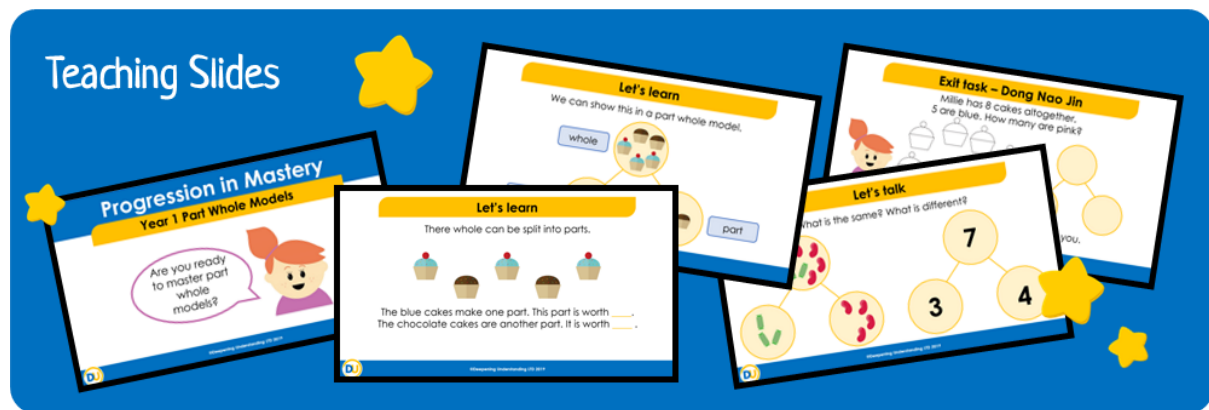


## DU Year 1 Maths Planning

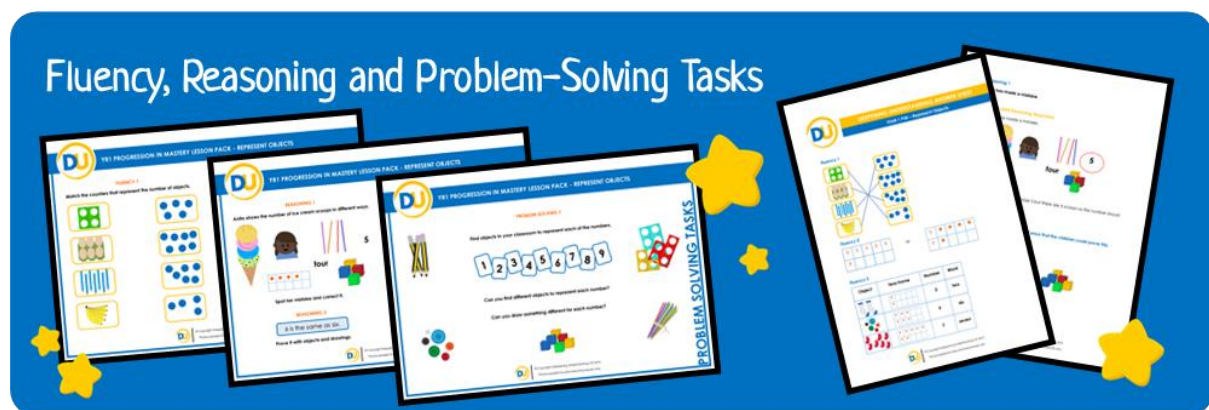
### Small Steps Guide

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.



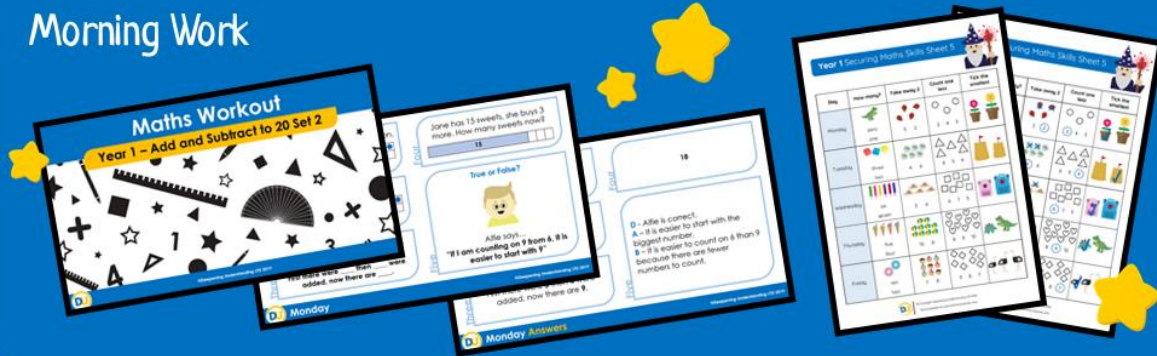
For each small step focus, you are provided with fluency application questions to consolidate learning as well as reasoning and problem solving tasks to provide challenge as pupils delve deeper into their understanding of concepts. All tasks are provided with answers, including modelled reasoning in 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



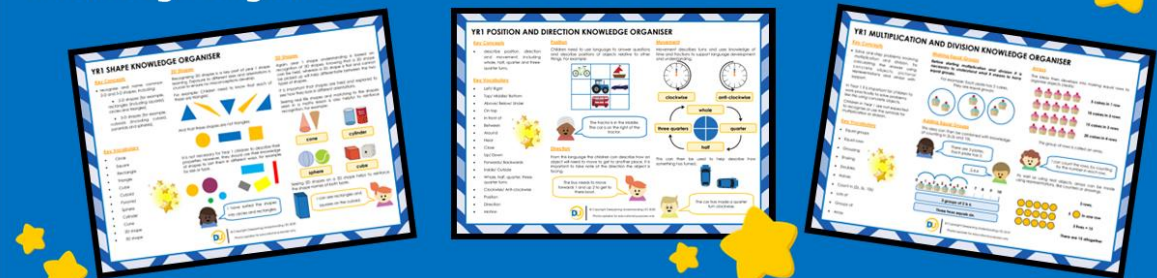
DU Lite tasks offer a more accessible approach to KS1 maths. The tasks do not feature written instructions and have been designed to be used alongside practical equipment. Observation strips are provided to allow for the demonstration of deeper understanding to be evidenced by adults working with children.

## 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



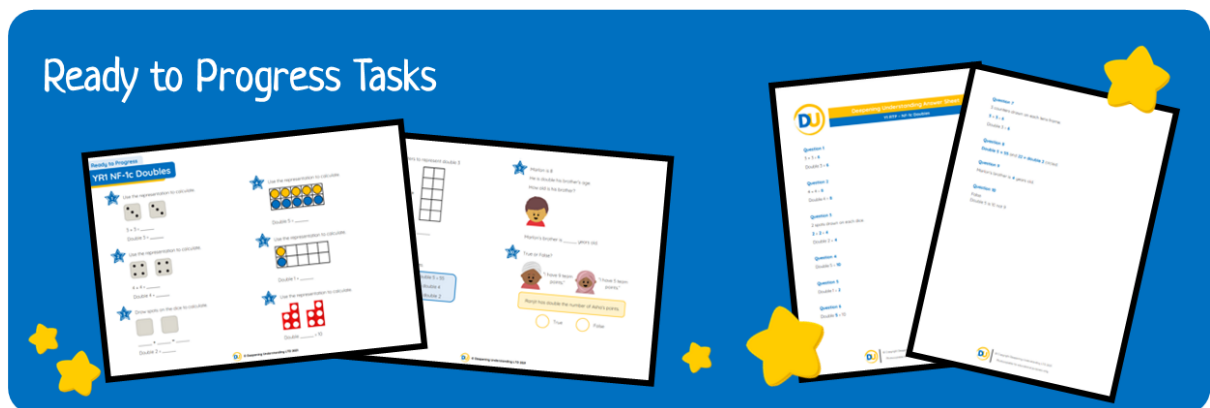
Additional tasks in the form of reasoning cards are provided. Each pack covers a broader maths objective and are useful as tasks for homework or early finishers.

## 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 1 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 1: Autumn Term A - Place Value: Number to 10

Step Number	Pack Name	RtP
001	<a href="#">Sorting Objects</a>	
002	<a href="#">Counting Objects</a>	
003	<a href="#">Represent Objects</a>	
004	<a href="#">Count, Read and Write Forwards (0-10)</a>	
005	<a href="#">Count, Read and Write Backwards (0-10)</a>	
006	<a href="#">One More</a>	
007	<a href="#">One Less</a>	
008	<a href="#">One to One Correspondence</a>	
009	<a href="#">Compare Groups (language)</a>	
010	<a href="#">Introduce Symbols (&lt; &gt; =)</a>	
011	<a href="#">Comparing Numbers</a>	
012	<a href="#">Order Groups</a>	
013	<a href="#">Order Numbers</a>	
014	<a href="#">Ordinal Numbers</a>	
015	<a href="#">The Number Line</a>	<a href="#">NPV 2</a>

## Year 1: Autumn Term A – Addition and Subtraction: Numbers to 10

Step Number	Pack Name	RtP
016	<a href="#">Part Whole Model</a>	<a href="#">AS 1b</a>
017	<a href="#">Addition Symbol</a>	<a href="#">AS 2a</a>
018	<a href="#">Fact Families – Addition Facts</a>	
019	<a href="#">Number Bonds within 10</a>	
020	<a href="#">Systematic Number Bonds within 10</a>	
021	<a href="#">Number Bonds to 10</a>	<a href="#">NF 1e</a>
022	<a href="#">Comparing Number Bonds</a>	
023	<a href="#">Addition – Adding Together</a>	<a href="#">AS 1a</a>
024	<a href="#">Addition – Adding More</a>	
025	<a href="#">Finding a Part</a>	
026	<a href="#">Subtraction – Taking Away (How Many Left?)</a>	
027	<a href="#">Introducing the Subtraction Symbol</a>	<a href="#">AS 2b</a>
028	<a href="#">Finding a part/Breaking Apart</a>	
029	<a href="#">Fact Families (The 8 Facts)</a>	
030	<a href="#">Subtraction – Counting Back</a>	
031	<a href="#">Subtraction – Finding the Difference</a>	
032	<a href="#">Compare Addition and Subtraction Statements 1</a>	
033	<a href="#">Compare Addition and Subtraction Statements 2</a>	

## Year 1: Autumn Term B – Geometry: Shape

Step Number	Pack Name	RtP
034	<a href="#">Recognise and Name 3D Shapes</a>	
035	<a href="#">Sort 3D Shapes</a>	
036	<a href="#">Recognise and Name 2D Shapes</a>	
037	<a href="#">Sort 2D Shapes</a>	
038	<a href="#">Patterns with 2D and 3D Shapes</a>	

## Year 1: Autumn Term B - Place Value: Numbers to 20

Step Number	Pack Name	RtP
039	<a href="#">Count Numbers to 20 in Numerals and Words</a>	
040	<a href="#">Numbers 11 - 20</a>	
041	<a href="#">Tens and Ones</a>	
042	<a href="#">One More/One Less</a>	
043	<a href="#">Compare Groups of Objects</a>	
044	<a href="#">Compare Numbers</a>	
045	<a href="#">Order Groups of Objects</a>	
046	<a href="#">Order Numbers</a>	

## Year 1: Spring Term A - Addition and Subtraction

Step Number	Pack Name	RtP
047	<a href="#">Add by Counting On</a>	
048	<a href="#">Find and Make Number Bonds</a>	
049	<a href="#">Add by Making 10</a>	
050	<a href="#">Subtraction - Not Crossing 10</a>	
051	<a href="#">Subtraction - Crossing 10 (1)</a>	
052	<a href="#">Subtraction - Crossing 10 (2)</a>	
053	<a href="#">Related Facts</a>	
054	<a href="#">Compare Number Sentences</a>	

## Year 1: Spring Term A - Place Value: Numbers within 50

Step Number	Pack Name	RtP
055	<a href="#">Numbers to 50</a>	
056	<a href="#">Tens and Ones</a>	
057	<a href="#">Represent Numbers to 50</a>	
058	<a href="#">One More/One Less (to 50)</a>	
059	<a href="#">Compare Objects within 50</a>	
060	<a href="#">Compare Numbers within 50</a>	
061	<a href="#">Order Numbers within 50</a>	
062	<a href="#">Count in 2s</a>	<a href="#">NF 2a</a>
063	<a href="#">Count in 5s</a>	<a href="#">NF 2b</a>

## Year 1: Spring Term B – Measurement: Length and Height

Step Number	Pack Name	RtP
064	<a href="#">Compare Lengths and Heights</a>	
065	<a href="#">Measure Length (1)</a>	
066	<a href="#">Measure Height (2)</a>	

## Year 1: Spring Term B – Measurement: Weight and Volume

Step Number	Pack Name	RtP
067	<a href="#">Introduce Weight and Mass</a>	
068	<a href="#">Measure Mass</a>	
069	<a href="#">Compare Mass</a>	
070	<a href="#">Introduce Capacity and Volume</a>	
071	<a href="#">Measure Capacity</a>	
072	<a href="#">Compare Capacity</a>	

## Year 1: Summer Term A – Multiplication and Division

Step Number	Pack Name	RtP
073	<a href="#">Count in 10s</a>	
074	<a href="#">Make Equal Groups</a>	
075	<a href="#">Add Equal Groups</a>	
076	<a href="#">Make Arrays</a>	
077	<a href="#">Making Doubles</a>	
078	<a href="#">Make Equal Groups (Grouping)</a>	
079	<a href="#">Make Equal Groups (Sharing)</a>	

## Year 1: Summer Term A – Fractions

Step Number	Pack Name	RtP
080	<a href="#">Find a Half of Shapes</a>	
081	<a href="#">Find a Half of an Amount</a>	
082	<a href="#">Find a Quarter of Shapes</a>	
083	<a href="#">Find a Quarter of an Amount</a>	



## Year 1: Summer Term A - Position and Direction

Step Number	Pack Name	RtP
084	<a href="#">Describe Turns</a>	
085	<a href="#">Describe Position (1)</a>	
086	<a href="#">Describe Position (2)</a>	

## Year 1: Summer Term B - Place Value within 100

Step Number	Pack Name	RtP
087	<a href="#">Counting to 100</a>	<a href="#">NPV 1a</a> <a href="#">NPV 1b</a>
088	<a href="#">Partitioning Numbers</a>	
089	<a href="#">Comparing Numbers (1)</a>	
090	<a href="#">Comparing Numbers (2)</a>	
091	<a href="#">Ordering Numbers</a>	
092	<a href="#">One More, One Less</a>	

## Year 1: Summer Term B - Money

Step Number	Pack Name	RtP
093	<a href="#">Recognise Coins</a>	
094	<a href="#">Recognise Notes</a>	
095	<a href="#">Counting in Coins</a>	

## Year 1: Summer Term B - Time

Step Number	Pack Name	RtP
096	<a href="#">Before and After</a>	
097	<a href="#">Dates</a>	
098	<a href="#">Time to the Hour</a>	
099	<a href="#">Time to Half an Hour</a>	
100	<a href="#">Writing Time</a>	
101	<a href="#">Compare Time</a>	