

# Number, Pattern and Calculating, Explorer Progress Book 2A - Sample Pages

New for Spring 2014

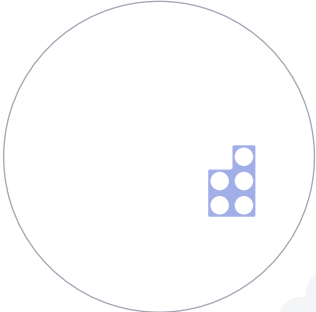
Numbers and the Number System 2: 2-digit numbers

Have ready: Numicon Shapes 1-10, number rods, colouring pencils


Date: / /

### Building Numbers


Can you complete the picture for each of these numbers?



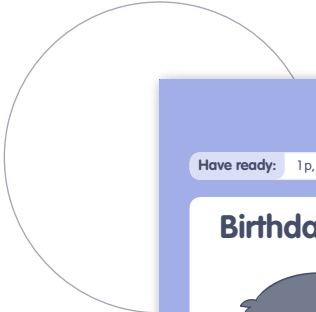
35



47



78



5

Teacher notes

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Explorer Progress Books are a great assessment tool and allow you to gather evidence of children's achievements.

Assess children's ability to use and apply their maths learning in new contexts.

Each activity has space for you to offer support and encouragement to children.

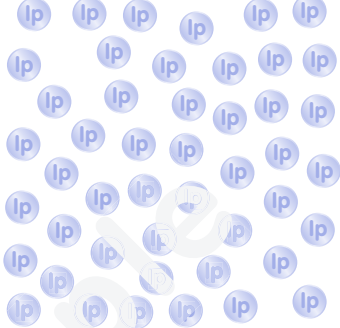

Tasks presented to children in unfamiliar ways invite 'non-routine' problem solving.

Numbers and the Number System 2: 2-digit numbers

Have ready: 1p, 2p, 5p, 10p, 50p coins, Numicon Shapes

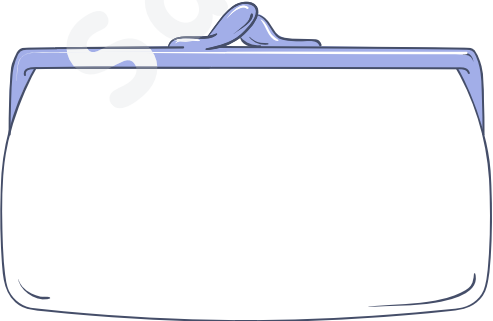
Date: / /

### Birthday Card



Can Tom buy the card? \_\_\_\_\_

Can you show Tom's savings with other coins?



Teacher notes

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# Number, Pattern and Calculating, Explorer Progress Book 4B - Sample Pages









New for Spring 2014

**Have ready:** Numicon 10-Shapes, Decimal Place Value Frame (photocopy master 10), Decimal Baseboard Laminates (photocopy master 11), Decimal Number Line (photocopy master 12)

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## How Much Sugar?

Arrange these amounts of sugar along the number line.

							
14.8 g	13.6 g	12.8 g	6.2 g	4 g	3.2 g	10 g	5.4 g

What is the difference between the highest and lowest amounts?  
Can you explain how you worked this out?

Teacher notes

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Explorer Progress Books offer you opportunities to assess individual children and monitor progress.

Children have the freedom to record their answers in their own way, allowing you to see their thinking.

**Have ready:** Numicon 0-9 Numeral Cards, Numicon 10-Shapes, Decimal Place Value Frame (photocopy master 10), Decimal Baseboard Laminates (photocopy master 11), Decimal Number Line (photocopy master 12)

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## Making Decimal Fractions

0 1 2 3 4 5 6 7 8 9 10

Can you choose 3 of these numeral cards to make a number between 15 and 20?  
How many different numbers can you find?

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Can you put your numbers in order? Can you explain how you worked this out?

Teacher notes

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Tasks presented to children in unfamiliar ways invite 'non-routine' problem solving.

Open activities give you the opportunity to see how well children can use and apply.