



Mathematics	The Journey ~ Addition and subtraction
Discovery question	Here are some digit cards. 4 3 8 5 What numbers can you make? What is the smallest 2-digit number? Highest? What about a 3-digit number? Or 4?
Maths journey - Starting from the discovery question - Leading up to an Investigation Resources – Numicon, Base ten, place value counters, dienes	I can: ☐ Identify Hundreds, tens and ones ☐ Represent numbers to 1,000 ☐ Partition numbers to 1,000 ☐ Use Thousands ☐ Represent numbers to 10,000 ☐ Partition numbers to 10,000 ☐ Flexible partitioning ☐ Find 1, 10, 100 or 1,000 more or less ☐ Number line to 1,000 ☐ Number line to 10,000 ☐ Estimate on a number line ☐ Compare numbers ☐ Order numbers ☐ Round to the nearest 10 ☐ Round to the nearest 100 ☐ Round to the nearest 1,000
Reasoning and Problem solving	Sam is thinking of a 3-digit number. The number is greater than 700 Two of the digits are the same. The sum of the digits is 22 a) What could Sam's number be? b) What if the digit sum was 20? What could Sam's number be now?
Investigation	That Number Square NRICH Coded Hundred Square NRICH