

Let's Subtract Big Numbers: Maths : Year 2 : Summer Term

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To partition two- and three-digit numbers.	Children will be challenged to partition up to three-digit numbers in different contexts through active and challenging games. Children will have the opportunity to increase their fluency and speed in partitioning bingo or use their teamwork to partition numbers in a more active setting.	<ul style="list-style-type: none"> Can children partition two-digit numbers accurately? Can children partition three-digit numbers accurately? Are children able to read, name and write three-digit numbers? 	<ul style="list-style-type: none"> Slides Bingo Cards Place Value Grid 1A Number Cards 1A /1B Photo Sheet 1A Place Value Cards 1A (FSD? activity only) Hoops (FSD? activity only)
Lesson 2	To subtract multiples of ten from a two- or three-digit number.	Children will investigate the place value columns and describe what happens when a number is subtracted and which digits change and how they change. They use their place value understanding to help them solve simple subtractions of multiples of ten from two- or three-digit numbers.	<ul style="list-style-type: none"> Can children identify the values of each place value column? Can children partition and represent a number using physical place value equipment or drawings? Are children able to subtract ten from a two- or three-digit number? 	<ul style="list-style-type: none"> Slides Dienes Worksheet 2A/2B/2C Place Value Grid 2A Photo Sheet 2A Subtraction Cards 2A/2B (FSD? activity only)
Lesson 3	To subtract TO from TO or HTO numbers without bridging ten.	In this lesson the children will be introduced to subtracting TO from HTO or TO using partitioning. They will represent numbers using place value counters before taking them away (crossing out) to simulate subtraction. They will tackle subtraction calculations which do not involve bridging over ten.	<ul style="list-style-type: none"> Are children able to partition a number? Can children represent a partitioned number visually? Can children use partitioning to solve a TO – TO subtraction problem? 	<ul style="list-style-type: none"> Slides Subtraction Cards 3A Place Value Counters 3A Worksheet 3A/3B Photo Sheet 3A Number Cards 3A (FSD? activity only) Worksheet 3C (FSD? activity only)
Lesson 4	To subtract TO from two-digit numbers, bridging ten when necessary.	Children progress with their understanding of using partitioning to subtract by moving on to solving calculations which involve exchanging tens for ones. The children are shown how to exchange within a number to obtain a useable amount of ones counters and are challenged to think carefully about when it is necessary to exchange and when they don't need to.	<ul style="list-style-type: none"> Can children calculate a TO – TO calculation? Are children able to explain the process of using partitioning to solve a TO – TO calculation? Can children explain when they need to exchange ten for ten ones? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B Place Value Counters 4A Dienes Photo Sheet 4A Spinner 4A (FSD? activity only) Game Sheet 4A (FSD? activity only)
Lesson 5	To solve subtraction problems involving money.	Children will apply their understanding of partitioning as a subtraction method to the context of spending amounts of money. They will revisit their knowledge of making a total of a set of coins before using this in their subtraction calculations.	<ul style="list-style-type: none"> Can children find the total of a set of coins? Are children able to partition an amount of money? Can children use partitioning to subtract amounts of money? 	<ul style="list-style-type: none"> Slides Worksheet 5A/5B/5C Coin Sheet 5A Place Value Counters 5A Photo Sheet 5A Shop Sheet 5A (FSD? activity only) Spending Cards 5A (FSD? activity only)