Hamstel at Home

Year 3 Home Learning – Maths Bundle

If you are not in school, please start with lesson 1 and work your way through the lessons. If the lessons are short, you can complete more than one. Our expectation is that you spend an hour a day on your work in this subject.

Maths – Addition and Subtraction

Lesson Title Record this in your book with today's date	Overview	Link to Lesson
Lesson 1 **Adding and subtracting 1-digit numbers to/from 3-digit numbers**	In this lesson, we will investigate different mental strategies to add and subtract, including regrouping. **STAR WORDS** * regrouping * three digit numbers * one digit number Write the star words in your book. If you do not understand the words ask an adult. **HINT** * regrouping – changing 10 ones into a ten OR changing a ten into 10 ones	Click here to follow the link
Lesson 2 **Adding multiples of 10 to 3-digit numbers**	In this lesson, we will use known number facts in order to mentally add multiples of 10 to 3-digit numbers. We will look at partitioning strategies and analyse place value to make mental addition more efficient. **STAR WORDS** * partitioning * part-part whole * re-grouping Write the star words in your book. If you do not understand the words ask an adult. **HINT** * partitioning – splitting a number * think of the number as e.g 40 = 4 tens	Click here to follow the link
Lesson 3	In this lesson, we will use known number facts in order to mentally subtract multiples of 10 from 3-digit numbers. We will look at partitioning strategies and analyse place value to make mental subtraction more efficient.	Click here to follow the link

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Subtracting multiples of 10 from 3-digit numbers	**STAR WORDS** * partitioning * part-part whole *regrouping Write the star words in your book. If you do not understand the words ask an adult. **HINT** * partitioning – splitting a number * think of the number as e.g 40 = 4 tens	
Lesson 4 Adding and subtracting multiples of 100 to/from 3-digit numbers	In this lesson, we will use known number facts in order to mentally add and subtract multiples of 100 to and from 3-digit numbers. We will look at partitioning strategies and analyse place value to make mental addition and subtraction more efficient. **STAR WORDS** * see above Write the star words in your book. If you do not understand the words ask an adult. **HINT** * if you are adding or subtracting a multiple of 100, which digits stay the same	[Click here to follow the link](#)
Lesson 5 Adding two 3-digit numbers (without regrouping)	In this lesson, we will learn to partition 3-digit numbers in order to mentally add them accurately. **STAR WORDS** * deines * bar model Write the star words in your book. If you do not understand the words ask an adult. **HINT** * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks * when drawing a bar model think about what you know – is the total? is it part of the whole?	[Click here to follow the link](#)
Lesson 6 Subtracting two 3-digit numbers (without regrouping)	In this lesson, we will learn to partition 3-digit numbers in order to mentally subtract them accurately. **STAR WORDS** * see previous lessons Write the star words in your book. If you do not understand the words ask an adult. **HINT** * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks	[Click here to follow the link](#)
Lesson 7	In this lesson, we will build on our knowledge of the 10 times table in order to estimate by rounding. We will do this to answer addition questions. **STAR WORDS**	[Click here to follow the link](#)

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Applying rounding for estimating (adding)	* round * estimate * multiple of 10 Write the star words in your book. If you do not understand the words ask an adult. **HINT** * multiple of 10 is a number in the 10 times table * draw a number line to help you round the numbers	
Lesson 8 Applying rounding for estimating (subtracting)	In this lesson, we will build on our knowledge of the 10 times table in order to estimate by rounding. We will do this to answer subtraction questions. **STAR WORDS** * round * estimate * multiple of 10 Write the star words in your book. If you do not understand the words ask an adult. **HINT** * multiple of 10 is a number in the 10 times table * draw a number line to help you round the numbers	[Click here to follow the link](link)
Lesson 9 Adding two 3-digit numbers (regrouping in one column)	In this lesson, we will build on our knowledge of partitioning and estimating and introduce column addition. **STAR WORDS** * deines * regrouping Write the star words in your book. If you do not understand the words ask an adult. **HINT** *changing 10 ones into a 10 or changing 10 tens into one hundred) * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks *use this to help you solve the calculations	[Click here to follow the link](link)
Lesson 10 Adding two 3-digit numbers (regrouping in multiple columns)	In this lesson, we will look at using column addition when a number requires regrouping in more than one column when adding. **STAR WORDS** * deines * regrouping Write the star words in your book. If you do not understand the words ask an adult. **HINT** *changing 10 ones into a 10 or changing 10 tens into one hundred) * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks *use this to help you solve the calculations * 10 hundreds = 1 thousand (if these calculations are too challenging – please leave them out)	[Click here to follow the link](link)

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Lesson 11 Subtracting 3-digit numbers (regrouping tens to ones)	In this lesson, we will build on our knowledge of column addition and introduce regrouping for column subtraction. **STAR WORDS** * regrouping *deines Write the star words in your book. If you do not understand the words ask an adult. **HINT** * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks *use this to help you solve the calculations – write them down * remember that 1 ten = 10 ones * don't forget the ONES that were already part of the number	Click here to follow the link
Lesson 12 Subtracting 3-digit numbers (regrouping hundreds to tens)	In this lesson, we will focus on column subtraction where regrouping from the hundreds into the tens column is needed. **STAR WORDS** * regrouping *deines Write the star words in your book. If you do not understand the words ask an adult. **HINT** * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks *use this to help you solve the calculations – write them down * remember that 1 hundred = 10 tens * don't forget the TENS that were already part of the number	Click here to follow the link
Lesson 13 Subtracting 3-digit numbers (regrouping in multiple columns)	In this lesson, we will consolidate learning on column subtraction and will practise regrouping across all columns **STAR WORDS** * regrouping *deines Write the star words in your book. If you do not understand the words ask an adult. **HINT** * you will not have Base 10 equipment at home, use this website https://mathsbot.com/manipulatives/blocks *use this to help you solve the calculations – write them down *remember that 1 ten = 10 ones * remember that 1 hundred = 10 tens * don't forget the ONES that were already part of the number	Click here to follow the link

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	* don't forget the TENS that were already part of the number	
Lesson 14 Solving addition and subtraction word problems	In this lesson, we will consolidate learning on column addition and subtraction by applying this knowledge to word problems**.** **STAR WORDS** * see previous lessons Write the star words in your book. If you do not understand the words ask an adult. **HINT** * use a bar model to help * use everything you have learnt in the previous lessons	[Click here to follow the link](#)
Lesson 15 Solving word problems with unknown values	In this lesson, we will answer addition and subtraction word problems which require us to identify the unknown quantity. **STAR WORDS** * see previous lessons Write the star words in your book. If you do not understand the words ask an adult. **HINT** * use a bar model to help * use everything you have learnt in the previous lessons	[Click here to follow the link](#)

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