

| Maths | Mr Jackson | Mrs Van Der Lith | |
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| Week | Learning | | Activities |
| Week beginning 8 th June | <p><u>Adding and Subtracting Positive & Negative Numbers</u></p> <p>We review adding and subtracting positive and negative numbers in this learning loop. It is essential to so many aspects of maths, some of which we will review later this term.</p> | <p><u>Adding and Subtracting Positive & Negative Numbers</u></p> <p>We review adding and subtracting positive and negative numbers in this learning loop. It is essential to so many aspects of maths, some of which we will review later this term.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Multiplying and Dividing Positive & Negative Numbers</u></p> <p>In this learning loop, we will look at multiplying and dividing positive and negative numbers. Again, you will see how important this in various topics we cover this term.</p> | <p><u>Multiplying and Dividing Positive & Negative Numbers</u></p> <p>In this learning loop, we will look at multiplying and dividing positive and negative numbers. Again, you will see how important this in various topics we cover this term.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| Week beginning 15 th June | <p><u>Order of Operations</u></p> <p>This learning loop will review order of operations. A common mistake made by students is to work out all calculations from left to right. Here we review the correct way to carry them out.</p> | <p><u>Order of Operations</u></p> <p>This learning loop will review order of operations. A common mistake made by students is to work out all calculations from left to right. Here we review the correct way to carry them out.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Order of Operations</u></p> <p>Building on the previous learning loop, we practice more order of operations to help us prepare for substitution.</p> | <p><u>Order of Operations</u></p> <p>Building on the previous learning loop, we practice more order of operations to help us prepare for substitution.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your</p> |

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| | | | quizzes and provide oral feedback in a future lesson. |
| Week beginning 22 nd June | <p><u>Writing Expressions</u></p> <p>Algebra is a fundamental part of mathematics. In this learning loop, we will first review how to form expressions from words so when we come across expressions later on, we will fully understand what they mean.</p> | <p><u>Writing Expressions</u></p> <p>Algebra is a fundamental part of mathematics. In this learning loop, we will first review how to form expressions from words so when we come across expressions later on, we will fully understand what they mean.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Substitution</u></p> <p>In this learning loop, we will use our work on expressions and order of operations to substitute positive numbers into expressions.</p> | <p><u>Writing Expressions</u></p> <p>This learning loop will build on the previous one, looking at writing algebraic expressions in context.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Assignment</u></p> <p>An assignment will be placed on Teams. You will submit this and receive personalised feedback from your teacher. These assignments will assess your progress through the topics reviewed this term.</p> | | |
| Week beginning 29 th June | <p><u>Substitution</u></p> <p>We will build on our previous learning loop by substituting numbers into expressions with powers and roots.</p> | <p><u>Substitution</u></p> <p>In this learning loop, we will use our work on expressions and order of operations to substitute positive and negative numbers into expressions.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Substitution</u></p> <p>In this learning loop, we will combine our focus on negative numbers earlier this term with substitution.</p> | <p><u>Substitution</u></p> <p>Earlier this year we covered fractions in depth. In this learning loop, you will review</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> |

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| | | substitution of fractions into expressions. | You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson. |
| Week beginning 6 th July | <p><u>Collecting Like Terms</u></p> <p>This learning loop will review collecting like terms, which is essential when we have to ensure our algebraic working is as simplified as possible.</p> | <p><u>Collecting Like Terms</u></p> <p>This learning loop will review collecting like terms, which is essential when we have to ensure our algebraic working is as simplified as possible.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| | <p><u>Collecting Like Terms</u></p> <p>This learning loop will extend our review on collecting like terms. We collect like terms in expressions involving powers.</p> | <p><u>Expanding Single Brackets</u></p> <p>In this learning loop, we review expanding single brackets. This will combine our work on collecting like terms and arithmetic with positive and negative numbers.</p> | <p>After each lesson loop, you will be instructed to complete a quiz on Hegarty Maths.</p> <p>https://hegartymaths.com/</p> <p>You will receive instant feedback through Hegarty Maths. We will check your quizzes and provide oral feedback in a future lesson.</p> |
| Week beginning 13 th July | <p><u>Expanding Single Brackets</u></p> <p>In this learning loop, we will expand single brackets. This is a key algebraic topic that will be built upon in year 8 and 9 with expanding double and triple brackets.</p> | <p><u>Expanding Double Brackets</u></p> <p>In this learning loop, we will build on expanding single brackets and will expand two brackets.</p> | <p>You will be directed to a specific Hegarty Maths clip to watch as the part of each lesson.</p> <p>https://hegartymaths.com/</p> <p>Your follow-up activity will be the quiz for the clip you have watched. You will receive instant feedback through Hegarty Maths. We will then review your submissions and marks on Hegarty and provide oral feedback in a future lesson.</p> |
| | <p><u>Expanding Two Single Brackets</u></p> <p>In the final learning loop of the term, we will combine our work on expanding single brackets and collecting like</p> | <p><u>Expanding Double Brackets</u></p> <p>This learning loop will review expanding double brackets in more depth, looking at examples where there are</p> | <p>You will be directed to a specific Hegarty Maths clip to watch as the part of each lesson.</p> <p>https://hegartymaths.com/</p> |

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| | <p>terms as we look to expand and simplify two single brackets.</p> | <p>negative numbers, which we covered in depth earlier this term.</p> | <p>Your follow-up activity will be the quiz for the clip you have watched. You will receive instant feedback through Hegarty Maths. We will then review your submissions and marks on Hegarty and provide oral feedback in a future lesson.</p> |
| <p><u>Assignment</u></p> <p>An assignment will be placed on Teams. You will submit this and receive personalised feedback from your teacher. These assignments will assess your progress through the topics reviewed this term.</p> | | | |