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| **Core Knowledge Map** | | | |
| Subject: **Mathematics** | Year: 10 | | Term: Spring 2 |
| What are we learning? | | | |
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| How will I be assessed | | | |
| Retrieval Tasks, Exit tickets, end of half-term test. | | | |
| Big questions: | | | |
| Can you….?   * Write as a decimal (no calculator) * Calculate + 1 x 3 * What is the overall % change if an amount is increased by 30% then reduced by 20% * Calculate the amount of simple interest earned on £2500 for 5 years at 3% per annum. | | | |
| How does this build on previous learning? | | How will this link to my future learning? | |
| * Four operations with fractions and with mixed numbers * Finding percentages of amounts * Using multipliers for percentage change * Simple Interest and Compound Interest. * Finding percentage change * Reverse percentage | | * GCSE synoptic and multi-step problem solving questions. * Percentages will feature in most careers and day to day life. | |
| Core knowledge: | | Key vocabulary: | |
| **Simple interest** is an interest charge that borrowers pay lenders for a loan. It is calculated using the principal only and does not include compounding interest. | | Mixed number  Improper fraction  Multiplier  Compound interest  Recurring | |
| Need more help? Use the Sparx Independent Learning Codes above | | | |