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| **w/b** | **In-School Learning** | **Blended Learning** |  | **Approximate completion time** |
| 7/9 | **Factors, Multiples and Primes**  -Identify factors, multiples and primes.  - Find prime factors of a number. | <https://members.gcsepod.com/shared/podcasts/title/10213/62469>  <https://members.gcsepod.com/shared/podcasts/title/10213/62472>  <https://corbettmaths.com/wp-content/uploads/2013/02/multiples-factors-primes-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/product-of-primes-pdf1.pdf> |  | 1 week |
| 14/9 | **Factors, Multiples and Primes (Cont’d)**  **-** Find HCF of numbers and expressions  - Find LCM of numbers and expressions  - Problem solving involving HCF and LCM  **Powers and Roots**  - Identify and calculate with squares and cubes  - Calculate higher powers. | <https://members.gcsepod.com/shared/podcasts/title/10213/62471>  <https://members.gcsepod.com/shared/podcasts/title/13451/80865>  <https://members.gcsepod.com/shared/podcasts/title/10213/62470>  <https://members.gcsepod.com/shared/podcasts/title/13454/80874>  <https://corbettmaths.com/wp-content/uploads/2013/02/lcm-hcf-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/multiples-factors-primes-pdf.pdf> |  | 1 week |
| 21/9 | **Powers and Roots**  -Find roots by approximation  **Indices**  - Multiplying numbers in index form  -Dividing numbers in index form  - Raising an expression to a negative power  - Raising a power to a power | <https://members.gcsepod.com/shared/podcasts/title/13454/80874>  <https://members.gcsepod.com/shared/podcasts/title/10215/62479>  <https://corbettmaths.com/wp-content/uploads/2013/02/square-numbers-and-square-roots-pdf1.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/laws-of-indices-algebra-pdf.pdf> |  | 1 week |
| 28/9 | **Indices**  -To apply all laws of indices  **Standard Form**  - Multiply and divide by powers of 10  -Convert large numbers to and from standard form  -Convert small numbers to and from standard form  -Calculate with numbers in standard form | <https://members.gcsepod.com/shared/podcasts/title/10210/62825>  <https://members.gcsepod.com/shared/search?search=standard%20form>  <https://corbettmaths.com/wp-content/uploads/2013/02/standard-form-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/standard-form-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/standard-form-pdf.pdf> |  | 1 week |
| 5/10 | **Standard Form**  **-**-Solve problems with numbers in standard form (1)  **-** Solve problems with numbers in standard form (2)  **Sequences**  **-** Recognise and describe various types of sequences  - Find the nth term of an arithmetic sequence(1)  -Find the nth term of an arithmetic sequence (2) | [Sequences](https://members.gcsepod.com/shared/podcasts/title/12381/76225)  <https://members.gcsepod.com/shared/podcasts/title/12381/76225>  <https://members.gcsepod.com/shared/podcasts/title/10195/62893>  <https://corbettmaths.com/2012/08/20/the-nth-term-for-linear-sequences/>  <https://corbettmaths.com/wp-content/uploads/2013/02/standard-form-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2013/02/sequences-pdf.pdf> |  | 1 week |
| 12/10 | **Sequences**  - Generate sequences from nth term terms (1)  - Generate sequences from nth term terms (2)  - Substitute into quadratic nth terms  - Common ratio in geometric sequences (1)  Common ratio in geometric sequences (2) | <https://members.gcsepod.com/shared/podcasts/title/10195/62896>  <https://members.gcsepod.com/shared/podcasts/title/10195/62891> |  | 1 week |
| 19/10 | **(Revision of Factors, multiples, primes/Powers/Roots/**  **Indices /Sequences)**  ***End Of Term Assessment*** | <https://corbettmaths.com/wp-content/uploads/2018/12/Indices-Exercise-172-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2019/02/Laws-of-Indices-174-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2018/11/Factors-216-pdf.pdf>  <https://corbettmaths.com/wp-content/uploads/2020/05/Sequences.pdf>  <https://corbettmaths.com/wp-content/uploads/2018/12/nth-term-pdf.pdf> |  | 1 week |