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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 |