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| **w/b** | **In-School Learning** |  **Blended Learning** |  | **Approximate completion time** |
| 7/9 | **Powers and Roots**-Calculating with Powers and Roots | <https://corbettmaths.com/2013/03/03/fractionalindices/><https://corbettmaths.com/2013/03/13/laws-of-indices-algebra><https://corbettmaths.com/wp-content/uploads/2013/02/laws-of-indices-algebra-pdf.pdf><https://corbettmaths.com/2013/03/24/negative-indices/><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 ½ weeks |
| 14/9 | **Powers and Roots**- Surds and Irrational Numbers | <https://corbettmaths.com/2013/05/11/surds/><https://corbettmaths.com/2013/05/11/surds-addition/><https://corbettmaths.com/2013/05/11/rationalising-denominators/><https://members.gcsepod.com/shared/podcasts/title/10215/62484><https://corbettmaths.com/wp-content/uploads/2013/02/surds.pdf><https://corbettmaths.com/wp-content/uploads/2013/02/surds.pdf> |  | **Continued from week 7/9** |
| 21/9 | **Indices**-Multiplying and diving in index form-Raise indices to powers-Calculate with negative powers and a power of zero-Calculate with fractional indices-Solve complex equations with indices | <https://members.gcsepod.com/shared/podcasts/title/10215/62482><https://members.gcsepod.com/shared/podcasts/title/10215/62480><https://members.gcsepod.com/shared/podcasts/chapter/62479><https://corbettmaths.com/wp-content/uploads/2013/02/laws-of-indices-algebra-pdf.pdf> |  | 1 week |
| 28/9 | **Standard Form****-** Convert numbers to and from standard form- Calculate with numbers in standard form- Solve problems with numbers in standard form | <https://members.gcsepod.com/shared/search?search=standard%20form><https://corbettmaths.com/wp-content/uploads/2013/02/standard-form-pdf.pdf> |  | 1 week |
| 5/10 | **Sequences****-** Recognise and describe various types of sequences- Find the nth term of an arithmetic sequence and solve problems-Calculate the nth term of geometric sequences | [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/> |  | 1 week |
| 12/10 | **Sequences (cont’d)**Further geometric sequences (surds as common ratio)- Recognise and continue quadratic sequences-Find the nth term of quadratic sequences | <https://members.gcsepod.com/shared/podcasts/title/10195/62896><https://members.gcsepod.com/shared/podcasts/title/10195/62891> |  | **1 week** |
| 19/10 | **(Revision of Powers/Roots/Surds/Sequences)*****End Of Term Assessment*** | <https://corbettmaths.com/wp-content/uploads/2019/02/Laws-of-Indices-174-pdf.pdf><https://corbettmaths.com/wp-content/uploads/2013/02/surds.pdf><https://corbettmaths.com/wp-content/uploads/2018/12/nth-term-pdf.pdf><https://corbettmaths.com/wp-content/uploads/2018/12/nth-term-pdf.pdf> |  | 1 week |