

Year 7 revision list – 2023 Summer Assessment

Assessment

One 45-minute assessment which will be a non-calculator assessment. You will need mathematics equipment

Revision List

NUMBER

- *Use of a calculator
- *Rounding including to decimal places
- *Estimating by rounding
- *Ordering decimals (R)
- *Fraction, Decimal and Percentage conversion (R)
- *Percentages (R)

ALGEBRA

- *Sequences – including nth term
- *Expanding and simplifying two single brackets (R)
- *Solving equations (R)
- *Solving equations with unknowns on both sides (E)
- *Substitution
- *Drawing straight line graphs using a table of values (E)

GEOMETRY

- *Names of 2D shapes
- *Names of 3D shapes
- *Nets of 2D shapes
- *Angles on a straight line
- *Volume of a cuboid

Useful revision resources

Websites

Mathswatch - <https://vle.mathswatch.co.uk/vle/>

Corbett Maths – <https://corbettmaths.com/>

GCSEPod - <https://www.gcsepod.com/>

Seneca Learning - <https://senecalearning.com/en-GB/>

BBC Bitesize Learning - <https://www.bbc.co.uk/bitesize/examspecs/z8sg6fr>

Oak National Academy - <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/maths>

Third Space Learning - <https://thirdspacelearning.com/secondary-resources/>

Revision Tips

Revision for Mathematics is based upon practice (and more practice). You need to be confident at the skills and concepts that make up the course in order to be able to work through the more challenging problems. Revision should be interactive, not just reading notes

A potential plan of action would be

- Work through the plans below watching the relevant videos (try the one minute videos first and if you do not understand then watch the longer videos)
- Attempting the interactive questions if needed
- Work through maths problems from sites like Third Space.
- Do not just read your notes/revision guides as you need to practice your Maths skills.
- Use your Knowledge Organiser to remember key terms and formulae, including the Tier 2 and 3 Vocabulary