Bishop Heber High School

Subject	Year	Term
Mathematics (Higher)	**9**	**3**

Topic

Algebra

Content (Intent)

Prior Learning (Topic): Probability, Ratio, Proportion & Algebra

- Linear Equations & Inequalities
- Sequences
- Formulae

Future Learning (Topic) Number, Shape, Data & Algebra

What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
• Solving inequalities • Finding and using the nth term of linear, quadratic and geometric sequences • Substitution into formula • Derive a formula • Change the subject of a formula	Ongoing Assessment • Q&A in plenary • Mini-whiteboards • Self and Peer assessment • 1 written homework per fortnight • 1 online homework per fortnight • Feedback and Challenge Time (FACT)
• Real life application of mathematics	Formal Assessment • Beginning of June – End of year exams

How can parents help at home?

Help to learn 'need-to-know' formulas – in back of orange books
Practise times tables on a regular basis – Pixl times table App

Helpful further reading/discussion (including Reading and Vocabulary Lists)

Reading

Direct to the following websites (logon ids will be in the front of the orange maths book);
www.mymaths.co.uk
vle.mathswatch.co.uk
www.mathsgenie.co.uk

Vocabulary

Geometric Arithmetic