Bishop Heber High School

Subject	Year	Term
Mathematics (Core)	9	3

Topic

Fractions, Decimals and Factors

Content (Intent)

Prior Learning (Topic) Algebra and Proportion

- Equivalent fractions
- Rounding and calculations with decimal
- HCF/LCM

Future Learning (Topic) Algebra; Shape and Number

What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
• Finding Equivalent Fractions • Cancelling to the Simplest Form • Performing Operations with Fractions • Solving real-life fractions problems • Rounding to decimal places • Performing Operations with Decimals • Finding HCF and LCM • Prime factors and Venn Diagrams	<u>Ongoing Assessment</u> • 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)
• Whole school assessment • Re-visit key areas based on outcomes of assessments (Set specific) • Functional maths and Problem solving	<u>Formal Assessment</u> • Beginning of June – End of year exams

How can parents help at home?

Encourage use of MyMaths (www.mymaths.co.uk)

Practise times tables on a regular basis – Pixl times table App

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

Reading	Vocabulary List
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	Decomposition