Bishop Heber High School

Subject	Year	Term
Mathematics (Core)	9	1

Topic

Probability, Number and Shape

Content (Intent)

Prior Learning (Topic): Ratio and proportion; 3D shapes; Probability; Construction

- Probability
- Calculations with integers and decimals
- HCF and LCM
- Topic of measurement
- Perimeter, Area & Volume
- Angles
- Transformations

Future Learning (Topic) Algebra and Proportion

What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)
• Calculate probability and relative frequency and use a variety of diagrams • Calculate with integers and decimals (including negative numbers) • HCF/LCM	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)
• Understand and convert metric measurements • Be able to calculate perimeter and area • Label angles and sides in 2D shapes. Find angles in 2D shapes. • Describe and transform 2D shapes • Tessellation	

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

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

Relative Frequency
Integer
Multiple
Factor
Compound
Perimeter
Parallel
Perpendicular
Length
Metric
Tessellation
Transformation
Rotation
Translation
Vector