ST JAMES'
CATHOLIC HIGH SCHOOL

EOY Assessment P

HT1:	HT2:	Assessment Point: Summative or AFL	HT3:	HT4:	Assessment Point: Summative or AFL	HT5	HT6:	HT1 – HT6

HT1:

Unit 1 – Introduction to Algebra
(Link to Year 6 work)
Simplify expressions
Solve equations
Substitution
Manipulation

Unit 2 – Number and calculator skills
Use of scientific calculator
Factors, multiples and primes
Prime factor decomposition
HCF.LCM

Cultural Capital:
Shopping task
Unknowns in real life (equations)
Bus timetable

HT2:

Unit 3 – Geometry
(Link to Unit 1)
Measuring and drawing angles
Basic angle facts (link to Y6)
Angles in parallel lines
Area

Unit 4 – Ratio and Proportion
Reason proportionally
Use ratio notation
Share in a given ratio
Fractions, decimals and percentages
(CST Care/ P&V)

Cultural Capital:
Bearings
Links to recipes
Best buys

INTERLEAVING WEEK AND CAREERS IN MATHS

Assessment Point: Summative or AFL

HT1 & HT2

HT 1 Assessment – testing knowledge of skills taught in Units 1 and 2

HT 2 Assessment – testing knowledge of skills taught in Units 3 and 4 AND interleaving of topics in units 1 and 2

HT3:

Unit 5 – Fractions, decimals and percentages
(Link to Unit 2 and 4)
Use diagrams to compare and order F/D/%
Strengthen and extend mental and calculator methods
(CST Dignity)

Unit 6 – Probability
(Link to unit 4 and 5)
Vocabulary of probability
Probability scale
Equally likely outcomes
Calculate probabilities
Relative frequency
(CST Common good)

Cultural Capital:
Discounts
Shopping on a budget
Tax on incomes
Insurance
Jobs using probability

HT4:

Unit 7 – Perimeter and Area
(Link to Unit 1)
Area of trapezium and parallelogram
Surface areas of cuboids
Problem solving

Unit 8 – Transformations
Reflection, rotation, translation and enlargement
(Link to Unit 3)

Cultural Capital:
Landscaping
Redecoration
Modelling

INTERLEAVING WEEK AND CAREERS IN MATHS
(Revisit Units 1-7 from Gap analysis)

Assessment Point: Summative or AFL

HT3 and HT4 (with elements of HT1 and HT2)

HT 3 Assessment – testing knowledge of skills taught in Units 5 and 6

HT 4 Assessment – testing knowledge of skills taught in Units 7 and 8 AND interleaving of topics in units 1-6

HT5

Unit 8 – Transformations (continued)
Reflection, rotation, translation and enlargement
(Link to Unit 3)

Unit 9 – Handling Data
Averages
Graphical representation of discrete data
Comparing distributions using averages
(CST Peace/P&V)

Cultural Capital:
Understanding statistics the news
Politics and bias
Business world

HT6:

Unit 10– Sequences and Graphs
(Link to Unit 1)
Generate sequences and Nth term
Generate coordinate pairs that satisfy a rule
Simple linear functions
Parallel lines
Real life graphs

Cultural Capital:
Mobile phone contracts

INTERLEAVING WEEK AND CAREERS IN MATHS

(Revisit Units 1-9 from Gap analysis)

HT1 – HT6

HT 5 Assessment – te
knowledge of skills ta
in Units 8 and 9

HT 6 Assessment – te
knowledge of skills ta
in Units 1 and 10

Number

Algebra

Geometry and Measures

Ratio and Proportio

Handling Data

With God all things are possible Matthew 19:26

	(Revisit Units 1, 2 and 3 from Gap analysis) Careers							