Topic order for New Higher

Unit 1 – Applications

1. Straight Line

2. Quadratics – not in Unit 1 but needed for Circle topic.

3. Circle

4. Recurrence Relations

5. Differentiation

6. Integration

Applications Assessment

Part 1 Q 1 – 6 Assessment Standard 1.1 2.1 2.2 (Straight line, Circle)

Part 2 Q7 – 11 Assessment standard 1.1 1.2 2.1 2.2 (RR, Calculus)

Unit 2 – Expressions and Functions

7. Sets and Functions – includes inverse.

8. Graphs and Functions

9. Trigonometry: Graphs and Equations

10. Addition formulae

11. The Wave function

12. Exponential and Logarithmic Functions

13. Vectors

Expressions and Functions

Part 1 Q1 – 5 Assessment Standard 1.1 1.2 2.1

(Logs. Exponential, Wave Function, Double Angle, Trig Identities)

Part 2 Q 6 – 11 Assessment Standard 1.3 2.2 (Graphs, Trig. Graphs,

Log/Exp graphs, Inverse Functions)

Part 3 Q 12 – 13 Assessment Standard 1.4 2.1 2.1 (Vectors)

<u>Unit 3 – Relationships and Calculus</u>

14. Polynomials

15. Further Calculus

16. Revision Quadratics

17. Revision Trig. Equations – Double Angle and Wave Function

Relationships and Calculus

Part 1 Q 1 – 6 Assessment Standard 1.1 1.2 2.1 2.2 (Polynomials, Quadratics and Trig Equations)

Part 2 Q7 – 14 Assessment standard 1.3 1.4 2.1 2.2 (Further Calculus)