

# FELTONFLEET SCHOOL

## REVISION SHEET

Subject...Mathematics.....

Year...CE Level 3.....

### ◆ THE EXAM (length, type of questions etc.)

Non-Calculator paper: 1 hour

You will need to have a ruler, pencil and an angle measurer.

Calculator paper: 1 hour

You will need to have a ruler, pencil, an angle measurer and a **calculator**.

Mental test: 30 minutes

### ◆ CONTENT

#### Non- Calculator Paper

- Addition, Multiplication, Division and Subtraction
- Area
- BIDMAS
- Ratio
- Product of Prime Factors using Indices
- Algebra – Simplifying, solving, expanding, substitution, factorising, expanding
- Definitions – product, sum, prime, factors, multiples, square numbers, cube numbers
- Volume and nets of 3D Shapes
- Rotation, Reflection and Enlargement
- Fractions, Decimals and Percentages
- Sequences
- Tally Charts
- Averages
- Constructing Shapes
- Travel Graphs
- Indices Rules

#### Calculator Paper

( in addition to non-calculator topics)

- Rounding off
- Probability
- Polygons
- Angle Rules and Parallel lines
- Timetables
- Speed, Distance and Time
- Conversion Graphs
- Pie Charts
- Circles – Circumference and Area
- Scale Drawings and Bearings
- Drawing Graphs
- Inequalities
- Simultaneous Equations
- Trial and Improvement
- Drawing curves
- Pythagoras Theorem

### ◆ REVISION HINTS (textbooks, page numbers etc.)

- STP 7A/B
- Orange notebook
- Pocket poster book
- Past Exam papers