**Student name Mathematics class 11K1**

Dear Parents

I am pleased to enclose the latest “state of the nation” letter for your son/daughter.

The mathematics team has produced a detailed analysis of his/her performance in their recent “mock” examination.

Over the remaining months, we will continue to provide students with access to targeted learning groups, half term revision sessions, video revision schedules, detailed analysis of mock examinations. Your support in helping your son/daughter is invaluable and I would ask that if you have any questions or concerns that you email the class teacher in the first instance so that we may respond promptly.

Your son/daughter’s teacher’s email address is

 **Teacher’s name Email address:**

I am confident that the measures we are taking to support your son/daughter plus your support and their continued hard work will lead to outstanding results for your son/daughter.

Yours sincerely

**Student name Class 11**

**Summary data and further information**

|  |  |  |
| --- | --- | --- |
| **November 2012 mock examination** | **Mark** | **Grade** |
| **Paper 1 (Non-calculator), out of 100** | **54** | **B** |
| **Paper 2 (Calculator), out of 100** | **66** | **A** |
| **TOTAL (out of 200)** | **120** | **A-** |
|  |
| **Minimum target grade** | **A** |
| **Teacher’s name** |  |
| **Teacher’s email address** |  |
| **Instructions for checking homework tasks set this year at** [**www.mymaths.co.uk**](http://www.mymaths.co.uk)* Go to [www.mymaths.co.uk](http://www.mymaths.co.uk)
* Enter the school’s login **XXX** and password **XXX** in the two boxes in the top left of the screen.
* When a new screen opens, enter your son/daughter’s login and password in the two boxes of the pink “My Portal” area. You will see this on the left hand side of the screen.

Your son/daughter’s login is: Your son/daughter’s password is: You will be able to check the homework that the teacher has set, the due date and your son/daughter’s performance on each of the tasks completed. Please remind your son/daughter that they can always improve a task score by clicking on the task in the “My Results” section. |

**Student name Class 11**

**November 2012 Paper 1: Higher tier (Non-calculator)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Question****number** | **Topic** | **Marks available** | **Your score** | **Mathswatch video number** |
| 1 | Ratio | 3 | 3 | 61,94 |
| 2 | Scatter diagram | 3 | 3 | 87 |
| 3 | Real life money problem | 4 | 0 | 64 |
| 4 | Questionnaires | 2 | 1 | 134 |
| 5 | Estimation | 3 | 3 | 101 |
| 6 | Transformation -enlargement | 3 | 3 | 76 |
| 7 | Area of compound shapes, money problem | 4 | 4 | 73 |
| 8 | Probability | 4 | 4 | 182 |
| 9 | Volume of prisms | 3 | 1 | 122 |
| 10 | Constructions and loci | 3 | 0 | 130 |
| 11 | Expanding  | 5 | 5 | 103 |
| 12 | Area of Circles | 3 | 3 | 71 |
| 13 | Ratio | 4 | 2 | 61, 94 |
| 14 | Bearings | 2 | 0 | 131 |
| 15 | Simplifying expressions | 3 | 3 | 103 |
| 16 | Area and perimeter | 4 | 1 | 73 |
| 17 | Linear inequalities | 3 | 0 | 108 |
| 18 | Polygons – angles and sides | 4 | 0 | 70 |
| 19 | Box Plot | 4 | 3 | 152 |
| 20 | Standard Form | 2 | 2 | 97 |
| 21 | Cumulative frequency | 5 | 1 | 150 |
| 22 | Simultaneous Equations | 4 | 4 | 142 |
| 23 | Lines and coordinates | 4 | 1 | 143 |
| 24 | Subject of formulae | 4 | 4 | 107, 164 |
| 25 | Volume and surface area of prisms | 4 | 1 | 121, 122 |
| 26 | Surds | 4 | 2 | 157 |
| 27 | Graphs – circle and trig | 4 | 0 | 168 |
| 28 | Vectors | 5 | 0 | 180 |
| TOTAL |  | **100** | **54** |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade** | **A\*** | **A** | **B** | **C** | **D** |
| **Marks required on this paper** | 80 | 61 | 42 | 24 | 12 |

**Student name Class 11**

**November 2012 Paper 2: Higher tier (Calculator)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Question****number** | **Topic** | **Marks available** | **Your score** | **Mathswatch video number** |
| 1 | Calculator questions | 2 | 2 | 63 |
| 2 | Reflections and fully transform 2D shapes | 4 | 3 | 74,75,76,77 |
| 3 | Percentages of an amount – Functional Skills | 5 | 5 | 51 |
| 4 | Pie chart | 3 | 1 | 86 |
| 5 | Real life graphs –Speed, distance and time | 3 | 1 | 117 |
| 6 | Finding angles of regular polygons | 4 | 0 | 70 |
| 7 | Compound measures  | 3 | 3 | 126 |
| 8 | Inequalities and solving inequalities | 6 | 5 | 108,109 |
| 9 | Stem and Leaf Diagram | 3 | 1 | 89 |
| 10 | Real-life money questions –functional skills | 4 | 4 | 64 |
| 11 | Trial and improvement | 6 | 6 | 110 |
| 12 | Frequency polygon, averages and Probability | 5 | 4 | 88,132,133,154 |
| 13 | Ratio – Density; Volume of a 3 D shape | 3 | 3 | 61,122 |
| 14 | Factorisation  | 6 | 5 | 104 |
| 15 | Pythagoras’ Theorem, length of 2D shape | 5 | 1 | 118,73 |
| 16 | Percentage increase/decrease | 3 | 0 | 136 |
| 17 | Trigonometry | 3 | 3 | 147 |
| 18 | Graphs of cubic and reciprocal functions | 4 | 3 | 145 |
| 19 | Ratio | 3 | 0 | 61 |
| 20 | Algebraic fractions | 3 | 3 | 163 |
| 21 | Probabilities | 5 | 5 | 90,91,132,154,182 |
| 22 | Solving quadratics using the formula | 5 | 5 | 161 |
| 23 | Volume of a prism | 6 | 0 | 122,177 |
| 24 | Histograms | 3 | 3 | 181 |
| 25 | Area of triangles using 1/2 absinC | 3 | 0 | 176 |
| TOTAL |  | 100 | **66** |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade** | **A\*** | **A** | **B** | **C** | **D** |
| **Marks required on this paper** | 78 | 59 | 40 | 22 | 11 |