**St Mary's CE High School**

**Maths in Context**

Y11 into Y12 Transition Work

Summer 2021

**Name:**

**Deadline: First Maths lesson in September**

The following are all topics you should be confident with.

Please do the following for each of these:

* Attempt each Hegarty quiz once. You do not have to watch the video.
* If there are any topics in **Cumulative Frequency and Boxplots, Scatter Graphs, and Forming and Solving Equations for which you do not have above 70%, watch the video and retry the quiz at least once.**

These topics will be tested in the second week of your course.

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| --- | --- | --- | --- |
| **Topic List** | **Hegarty Maths Activity** | **Studied** | **Understood** |
| **Cumulative Frequency and Boxplots** | **411**  **434**  **435**  **436**  **437**  **438**  **439**  **440** |  |  |
| **Scatter Graphs** | **453**  **454** |  |  |
| **Forming and Solving Equations** | **176**  **177**  **178**  **179**  **180**  **181**  **182**  **183**  **184**  **185** |  |  |
| Drawing Linear Graphs | **206**  **207** |  |  |
| Relative Probability | **356**  **357** |  |  |
| Listing Outcomes | **670** |  |  |
| Increasing and Decreasing Percentages | **88**  **89**  **90** |  |  |
| Calculating the nth Term of a sequence | **198** |  |  |

**Please Note:**

*Along with your GCSE grade, the test will determine whether we think you are suitable for the course, and what intervention you need from September.*