



## Year 10 Maths Department


Test target for Year 10 is .....


In **Year 10** students will focus on:

- Building on the Maths skills gained in Year 9 in preparation for GCSE.
- Development of reasoning and communication of methods both in words and through evidence of steps of workings.
- Development of problem solving skills through the application of mathematics.

|  |  | Working Towards Target           | At Expected Target                        | Above Expected Target             | Test grade                                      |
|---|--|----------------------------------|---|-----------------------------------|---|
| <b>UNIT 1</b><br>Number and Algebra   | <b>Knowledge and skills</b>              |                                  |   |                                   |   |
|   | <b>Structure of workings</b>             |                                  |   |                                   |   |
|   | <b>Communication and reasoning</b>       |                                  |   |                                   |   |
| <b>Overall unit performance</b>   |  |                                  |   |                                   |   |
| <b>FFL:</b>   | Meeting behaviour for learning standards | Actively engaged in the learning | Regularly complete HWK to a high standard | Completing CWK to a high standard | Is a resilient learner 'Doesn't give up easily' |
| <b>Achieved:</b>  |  |                                  |   |                                   |   |

|  |  | Working Towards Target           | At Expected Target                        | Above Expected Target             | Test grade                                      |
|---|--|----------------------------------|---|-----------------------------------|---|
| <b>UNIT 2</b><br>Algebra and Shape  | <b>Knowledge and skills</b>              |                                  |   |                                   |   |
|   | <b>Structure of workings</b>             |                                  |   |                                   |   |
|   | <b>Communication and reasoning</b>       |                                  |   |                                   |   |
| <b>Overall unit performance</b>   |  |                                  |   |                                   |   |
| <b>FFL:</b>   | Meeting behaviour for learning standards | Actively engaged in the learning | Regularly complete HWK to a high standard | Completing CWK to a high standard | Is a resilient learner 'Doesn't give up easily' |
| <b>Achieved:</b>  |  |                                  |   |                                   |   |

|  |   | Working Towards Target                  | At Expected Target                               | Above Expected Target                    | Test grade   |
|---|---|---|--|--|--|
| <b>UNIT 3</b><br>Graphs, Probability, FDPR and more...                            | <b>Knowledge and skills</b>                     |   |  |  |  |
|   | <b>Structure of workings</b>                    |   |  |  |  |
|   | <b>Communication and reasoning</b>              |   |  |  |  |
| <b>Overall unit performance</b>   |   |   |  |  |  |
| <b>FFL:</b>   | <b>Meeting behaviour for learning standards</b> | <b>Actively engaged in the learning</b> | <b>Regularly complete HWK to a high standard</b> | <b>Completing CWK to a high standard</b> | <b>Is a resilient learner 'Doesn't give up easily'</b> |
| <b>Achieved:</b>  |   |   |  |  |  |

|  |   | Working Towards Target                  | At Expected Target                               | Above Expected Target                    | Test grade   |
|---|---|---|--|--|--|
| <b>UNIT 4</b><br>Presenting data, simultaneous equations, Congruency              | <b>Knowledge and skills</b>                     |   |  |  |  |
|   | <b>Structure of workings</b>                    |   |  |  |  |
|   | <b>Communication and reasoning</b>              |   |  |  |  |
| <b>Overall unit performance</b>   |   |   |  |  |  |
| <b>FFL:</b>   | <b>Meeting behaviour for learning standards</b> | <b>Actively engaged in the learning</b> | <b>Regularly complete HWK to a high standard</b> | <b>Completing CWK to a high standard</b> | <b>Is a resilient learner 'Doesn't give up easily'</b> |
| <b>Achieved:</b>  |   |   |  |  |  |

### Explanation of assessments

| <b>Judgement</b> | <b>Criteria: Knowledge and skills</b>   |
|------------------|---|
| Working towards  | Knows some facts. Can have a go at using key skills.                                    |
| Expected         | Knows key facts. Can use skills effectively.  |
| Above expected   | Knows facts and can apply them. Skills used in variety of situations to solve problems. |

| <b>Judgement</b> | <b>Criteria: Structure of workings</b>                              |
|------------------|---|
| Working towards  | Workings are poorly organised with steps missing.                   |
| Expected         | Workings show clear steps of thinking.                              |
| Above expected   | Workings are detailed and enhanced by annotation where appropriate. |

| <b>Judgement</b> | <b>Criteria: Communication and reasoning</b>   |
|------------------|--|
| Working towards  | Occasionally participates in paired or small group discussion. Is beginning to talk about methods and understanding using correct Mathematical vocabulary.                     |
| Expected         | Participates in paired or small group discussions. Is able to talk about methods and show understanding using correct Mathematical vocabulary.                                 |
| Above expected   | Confidently participates in paired or small group discussions. Is able to confidently talk about methods and shows a good understanding using correct Mathematical vocabulary. |

