

# Maths- Y11F

## MAGHULL HIGH SCHOOL – CURRICULUM MAP



| HALF TERM 3<br>JAN-FEB         | Week 1  | Week 2           | Week 3    | Week 4    | Week 5    | Week 6       |  |
|--------------------------------|---|------------------|-----------|-----------|-----------|--------------|--|
| TOPIC (S)                      | Growth and Decay  | Growth and Decay | Mock Week | Mock Week | Mock Week | Inequalities |  |
| Knowledge & Skills development | <p><u>Growth and Decay</u></p> <ul style="list-style-type: none"><li>• set up, solve and interpret the answers in growth and decay problems, including compound interest</li></ul> <p><u>Inequalities</u></p> <ul style="list-style-type: none"><li>• solve linear inequalities in one variable</li><li>• represent the solution set on a number line</li></ul> |                  |           |           |           |              |  |

| <b>Assessment / Feedback Opportunities</b>   | Topic assessments  | Self-assessment sheets | Homework | Formative teacher assessment - verbal | Retrieval practice |  |
|--|--|------------------------|----------|---------------------------------------|--------------------|--|
| <b>Cultural Capital</b>  | Growth and decay in terms of bank investments, loans and depreciation.   |                        |          |                                       |                    |  |
| <b>SMSC / Promoting British Values</b><br>(Democracy, Liberty, Rule of Law, Tolerance & Respect) | Willingness to participate in, and respond to mathematical opportunities. Use of social skills in different contexts, including working and socialising with pupils from different religious, ethnic and socio-economic backgrounds. |                        |          |                                       |                    |  |
| <b>Reading opportunities</b>   | Mathematics in the Simpsons<br>What's the point of Maths?  |                        |          |                                       |                    |  |
| <b>Key Vocabulary</b>  | Percentage, Per Annum, Multiplier, Appreciate, Depreciate, Inequality, Less than, More than, Solution, Solution Set.   |                        |          |                                       |                    |  |
| <b>Digital Literacy</b>  | DESMOS, Geogebra   |                        |          |                                       |                    |  |
| <b>Careers</b>   | Medicine, Engineer, Banking and Investment.  |                        |          |                                       |                    |  |