

#### 4. 4. 4 Further Applications module ( Key Stage 4 )

Learning objectives	Suggested time ratio
<b>Further Applications</b>	30
<ul style="list-style-type: none"><li>• <u>further apply mathematics in various dimensions to more sophisticated real-life or mathematical situations including:</u><ul style="list-style-type: none"><li>◇ <u>exploring and interpreting graphs which illustrate real-life situations such as travel-graph, time-series graphs, etc.</u></li><li>◇ <u>further applying percentages to real-life situations such as taxation and loans etc.</u></li><li>◇ <u>further applying rate and ratio to real-life situations such as taxi-rate etc.</u></li><li>◇ <u>analyzing and interpreting data collected in surveys</u></li><li>◇ <u>determining the relation between 2 variables which themselves, or after transformation, obeys a linear law</u></li></ul></li></ul>	

Note: The objectives with asterisk (\*\*) are exemplars of **enrichment topics**.

The underlined objectives are considered as **non-foundation** part of the syllabus.