**Unit 5 – GRAPHICAL MODELS**

 

**WHAT YOU’LL LEARN**

To use graphs to model real-world situations and data, and to compare, interpret, andanalyse graphs

**AND WHY**

Recognizing trends and patterns in real-world graphs helps us better understand the situations being modelled, and allows us to make predictions about future behaviour.

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| **DAY** | **LESSON** | **HOMEWORK/ ASSESSMENT** |
| * 1
 | Trends in Graphs | Page 273 #1 – 6, 8 – 10 |
| * 2
 | Rate of Change | Page 284 #1 – 7, 9, 11 |
| * 3
 | Linear Models | Page 293 #1 – 6, 10, 11 |
| * 4
 | Quadratic Models | Page 303 #1 – 3, 7bc, 8ab |
| * 5
 | Exponential Models | Page 315 #2 – 7 |
| * 6
 | Selecting a Regression Model | Page 323 #4 – 8, \*10, \*12 **\****technology needed for questions marked with an asterisk* |
| * 7
 | Unit Review | Page 332 #1 – 3, 5, 6, 12, 14, \*15, \*16 |
| * 8
 | Unit Test |  |