General assessment grid for  
mathematical modelling tasks

Name of problem:

Author(s) of report being assessed: Mark:

Select the appropriate mark for each criterion but to make the feedback more constructive include notes to justify your decisions where possible.

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| **Assessment criteria** | **0  (not done)** | **1  (partially)** | **2  (done well)** |
| Evidence of planning  *What was the plan?* |  |  |  |
| Reasonable assumptions  *What were the assumptions?* |  |  |  |
| Initial model  *What was the model?* |  |  |  |
| Evaluation of initial model  *What were the findings from the first model?* |  |  |  |
| Adapting the model  *How was the model adapted?* |  |  |  |
| Carrying out appropriate calculations/graphs  *Are the calculations/graphs used sensible?* |  |  |  |
| Accuracy of calculations/graphs  *Are calculations correct? Are graphs labelled? Are spreadsheet formulae used efficiently?* |  |  |  |
| Evaluation and conclusion  *After exploring the problem, were the findings explained and evaluated?* |  |  |  |
| Structure and presentation  *Was the report clear and easy to follow?* |  |  |  |
| Communication, quality of the report  *Does the report demonstrate how the problem has been solved?* |  |  |  |

Assessor(s):