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| Communicating Ideas in Maths and Science Rubric |
| A | B | C | D | E |
| Measurement  | Measurement | Measurement  | Measurement | Measurement |
| Accurate calculation of area and volume of boat and use of correct units.Students accurately calculate the plimsoll line.All working steps are shown in detail. | Accurate calculation of area and volume of boat, a few errors may be present, most units are present.Students accurately calculate the plimsoll line.Most working steps are shown. | Calculation of area and volume of boat contains some errors and may be missing some units. Students calculate the plimsoll line, may contain an error in steps.Some working steps are shown. | Calculation of area and volume of boat has little accuracy. Students attempt to calculate the plimsoll line with little accuracy.Few working steps are shown. | Few to no calculations shown. Plimsoll calculation is poor or not present.No working steps are shown.No score = No evidence. |
| Ratio | Results | Results | Results | Results |
| Accurate calculation of scaled boat and members of team with all working steps shown in detail.Accurate construction of scaled boat and people. | Generally accurate calculation of scaled boat and members of team with most working steps shown.Accurate construction of scaled boat and people. | Accurate calculation of scaled boat and members of team with occasional errors and some working steps missing.Construction of scaled boat and people is present and mostly accurate.. | Poor calculation of scaled boat and members of team with many errors and most working steps missing.Construction of scaled boat and people is poor and inaccurate. | Poor attempt at recording data and trends.No score = No evidence.  |
| Communication | Communication | Communication | Communication | Communication |
| Communication of mathematical and ideas and concepts has been demonstrated to a level beyond what is expected at this year level. | Communication of mathematical ideas and concepts has been demonstrated to a high degree. | Communication of mathematical ideas and concepts has been demonstrated to a satisfactory level. | Communication of mathematical ideas and concepts has been demonstrated to a level below what is expected in year 9. | Basic attempt to communicate ideas.No score = No evidence. |

**Due Week 6 Science Lessons**