|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Criteria** | **A** | **B** | **C** | **D** | **E/****Not Yet achieved** |
| **Knowledge and understanding** | Student displayed a very **high level** of understanding when selecting materials to suit the purpose of the boat, and creating a design in which the boat will float and move.  | Student displayed a **thorough** level of understanding when selecting materials to suit the purpose of the boat, and creating a design in which the boat will float and move. | Student displayed satisfactory understanding when selecting materials to suit the purpose of the boat, and creating a design in which the boat will float and move. | Student displayed limited understanding when selecting materials to suit the purpose of the boat, and creating a design in which the boat will float and move. | **Did** not create a design that suited the purpose and need of the challenge. |
| **Investigating and designing** | **Skilfully** constructed and presented all stages of the challenge. Used a large variety of communication forms.Described a well written and detailed plan which addressed the task requirements and analysis of information.  | **Effectively** constructed and presented all stages of the challenge. Used a wide variety of communication forms.Described a well detailed plan which addressed the task requirements and analysis of information.  | **Satisfactorily**  constructed and presented all stages of the challenge. Used a variety of communication forms.Described a satisfactory plan in attempt to address the task requirements and analysis of information.  | **Incomplete** construction and presentation of the challenge. Used limited communication forms and attempted to complete a plan in order to meet task requirements. | **Did not** construct and present all stages of the challenge.  |
| **Producing** | Student showed **exemplary standard** in the implementation of plan and purposeful production of materials to create an effective boat which floats and moves. | Student showed **purposeful and effective** implementation of plan and purposeful production of materials to create an effective boat which floats and moves. | Student to a **satisfactory standard**, followed the plan and utilised materials to create a boat which floats and moves. | Student attempted to implement production processes while following a plan. | Student did not attempt to make a boat. |
| **Evaluating and Reflecting** | Articulate and insightful reflection on learning and findings. Very clearly expressed their reasoning of the design and materials selected. Student very successfully reflected on their individual boat design in order to further meet the requirements. | Reflected on learning and findings with some thought and detail. Some detail in reasoning regarding design choices. | **Relevant** reflection on students learning and their findings. Student showed relevant reasoning regarding the design choices. | **Limited** reflection on students learning and their findings. Student displayed limited reasoning and explanation. | **No** reflection on students learning and their findings. |

**Name**

**Comment**

Year 2 Design and Technology Assessment – Boat Challenge

Date: / /2016

**Overall Grade**