

## Outcomes Assessment Summary

The outcomes used in this document are from the Board of Studies Teaching and Educational Standards (BOSTES) NSW.

[http://www.boardofstudies.nsw.edu.au/syllabus\\_sc/](http://www.boardofstudies.nsw.edu.au/syllabus_sc/)

### Session 1 - Outcomes

Student Name	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	Comment

Session 2 – Outcomes

Student Name	SC4-4WS identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	Comment

Session 3 – Outcomes

Student Name	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	4.6.1 applies appropriate evaluation techniques throughout each design Project	Comment

Session 4 – Outcomes

Student Name	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.2.2 selects, analyses, presents and applies research and experimentation from a variety of sources	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	4.6.1 applies appropriate evaluation techniques throughout each design Project	Comment

Session 5 – Outcomes

Student Name	SC4-5WS collaboratively and individually produces a plan to investigate questions and problems	SC4-6WS follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually	MA4-19SP collects, represents and interprets single sets of data, using appropriate statistical displays	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.2 selects, analyses, presents and applies research and experimentation from a variety of sources	4.5.1 applies management processes to successfully complete design projects	Comment

## Session 6 – Outcomes

Student Name	SC4-6WS follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually	SC4-7WS processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions	MA4-1WM a student communicates and connects mathematical ideas using appropriate terminology, diagrams and symbols-communicating	MA4-2WM a student applies appropriate mathematical techniques to solve problems – problem solving	MA4-3WM a student recognises and explains mathematical relationships using reasoning – reasoning	MA4-6NA solves financial problems involving purchasing goods	MA4-19SP collects, represents and interprets single sets of data, using appropriate statistical displays	Comment

### Session 7– Outcomes

Student Name	SC4-5WS collaboratively and individually produces a plan to investigate questions and problems	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.2 selects, analyses, presents and applies research and experimentation from a variety of sources	4.3.2 demonstrates responsible and safe use of a range of tools, materials and techniques in each design project	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	4.6.1 applies appropriate evaluation techniques throughout each design Project	Comment

Session 8 – Outcomes

Student Name	SC4-8WS selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.2.2 selects, analyses, presents and applies research and experimentation from a variety of sources	4.3.2 demonstrates responsible and safe use of a range of tools, materials and techniques in each design project	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	Comment



Session 9 – Outcomes

Student Name	SC4-8WS selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems	4.1.1 applies design processes that respond to needs and opportunities in each design project	4.2.1 generates and communicates creative design ideas and solutions	4.2.2 selects, analyses, presents and applies research and experimentation from a variety of sources	4.3.2 demonstrates responsible and safe use of a range of tools, materials and techniques in each design project	4.5.1 applies management processes to successfully complete design projects	4.5.2 produces quality solutions that respond to identified needs and opportunities in each design project	Comment

Session 10– Outcomes

Student Name	SC4-9WS presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations.	MA4-3WM a student recognises and explains mathematical relationships using reasoning – reasoning	MA4-19SP collects, represents and interprets single sets of data, using appropriate statistical displays	4.2.1 generates and communicates creative design ideas and solutions	4.3.2 demonstrates responsible and safe use of a range of tools, materials and techniques in each design project	4.5.1 applies management processes to successfully complete design projects	4.6.1 applies appropriate evaluation techniques throughout each design Project	Comment