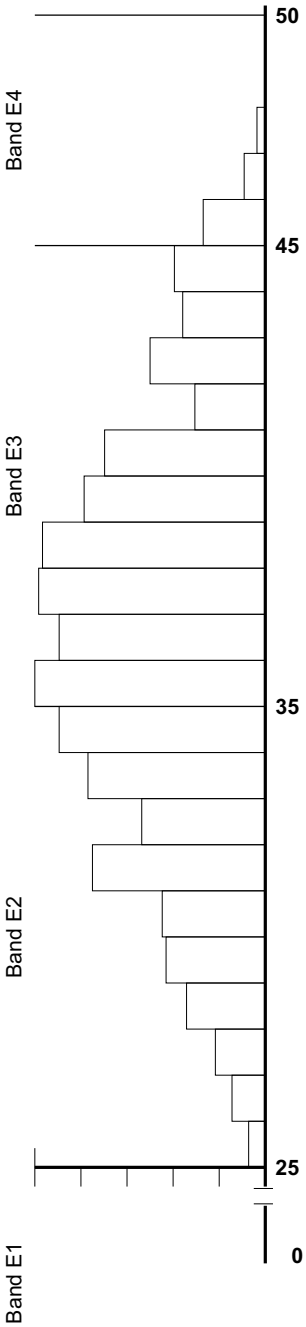
# 2019 Course Report

## Science Extension

**State Distribution** **The typical performance in this band:**




Demonstrates extensive knowledge and understanding of the development of scientific thinking and scientific methods of inquiry. Designs, conducts and presents a scientific investigation involving extensive analysis and synthesis of complex qualitative and quantitative scientific information and evaluation of a range of scientific sources. Determines and applies the processes used in reliable and valid scientific research to solve complex scientific problems and inform further research. Communicates complex scientific arguments coherently, incorporating appropriate scientific language and referencing techniques.

Demonstrates thorough knowledge and understanding of the development of scientific thinking and scientific methods of inquiry. Designs, conducts and presents a scientific investigation involving thorough analysis of complex qualitative and quantitative scientific information and evaluation of a range of scientific sources. Applies the processes used in reliable and valid scientific research to solve scientific problems and suggest further research. Communicates scientific arguments logically, by incorporating appropriate scientific language and referencing techniques.

Demonstrates sound knowledge and understanding of the development of scientific thinking and scientific methods of inquiry. Designs and conducts a scientific investigation involving sound analysis of complex, qualitative and quantitative scientific information and evaluation of related scientific sources. Incorporates the processes used in reliable and valid scientific research to solve scientific problems and identify related issues. Communicates scientific arguments by incorporating scientific language and referencing techniques.

A mark in this band indicates that the student has achieved below the minimum standard expected.

The candidature of this course was 668.