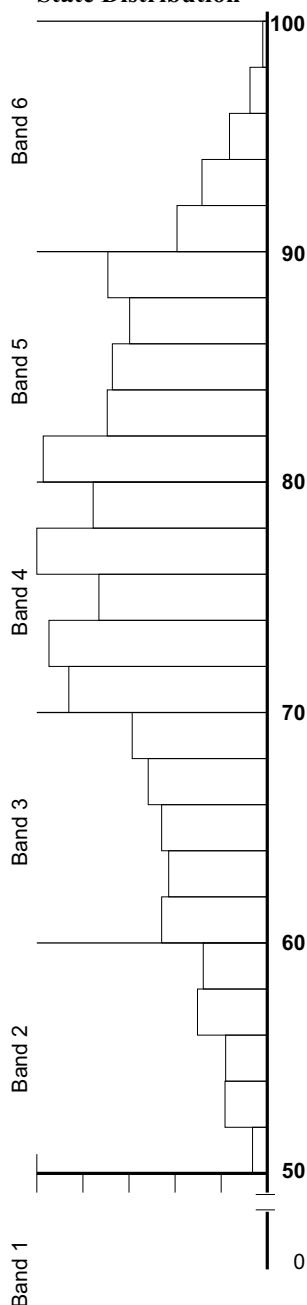


# 2009 Test Report



## Science 2009 Candidature - 82828

### State Distribution



### A typical performance in this band is demonstrated when a student:

**Band 6**  
Demonstrates extensive and detailed knowledge and understanding of complex scientific concepts and the nature of science. Communicates logically, using correct scientific terminology and appropriate scientific formats, such as written text, diagrams, tables, graphs and flowcharts. Identifies and uses correct components of a scientific investigation. Demonstrates complex graphing skills, including locating information and identifying trends; uses information from graphs to solve complex problems. Interprets complex data from scientific processes, concepts and scales. Justifies the choice of appropriate scientific equipment to suit a hypothetical situation. Analyses and evaluates scientific relationships, synthesising information to draw conclusions.

**Band 5**  
Applies scientific ideas to unfamiliar situations. Demonstrates thorough knowledge and understanding of most scientific concepts and the nature of science. Communicates using correct scientific terminology and appropriate scientific formats, such as written text, diagrams, tables and graphs. Identifies components of a scientific investigation. Demonstrates competent graphing skills, including locating information and identifying trends; uses information from graphs to solve problems. Interprets data from scientific processes, concepts and scales. Justifies the choice of appropriate scientific equipment to suit a specific task. Explains scientific relationships and identifies patterns from information to draw conclusions. Applies scientific ideas to familiar situations.

**Band 4**  
Demonstrates sound knowledge and understanding of some scientific concepts and the nature of science. Communicates using correct scientific terminology and some scientific formats, such as written text, diagrams and tables. Recalls components of a scientific investigation. Demonstrates graphing skills, including locating some information and identifying trends. Uses data from scientific processes, concepts and scales. Selects appropriate scientific equipment to suit a specific task. Explains straightforward scientific relationships from information. Describes scientific ideas.

**Band 3**  
Recalls basic knowledge of some scientific concepts and the nature of science. Communicates using some scientific terminology and several scientific formats, such as written text and diagrams. States scientific observations from experimental data. Graphs data appropriately and locates some information in graphs. Uses data from scientific processes. Selects appropriate scientific equipment to suit general types of experiments. States straightforward scientific relationships.

**Band 2**  
Recalls basic knowledge of some straightforward scientific concepts and the nature of science. Uses fundamental communication relating to science using written text. Describes experiments in non-scientific terms. Demonstrates elementary graphing skills in science. Uses simple data from science processes. Recognises common scientific equipment.

Student Number: 888666888

