## DRAFT PERFORMANCE BANDS

### SENIOR SCIENCE

*The typical performance in this band:*

| Band 6 | • demonstrates an extensive knowledge and understanding of the course content including context, prescribed focus areas and domain  
| Band 6 | • analyses, evaluates and presents scientific information in a variety of appropriate forms  
| Band 6 | • identifies and quantifies relationships in scientific data  
| Band 6 | • explains scientific principles and laws and applies them to unfamiliar situations  
| Band 6 | • applies high level critical thinking skills in developing appropriate solutions to problems involving experimental design  
| Band 6 | • analyses and applies explanatory models  
| Band 6 | • makes and justifies judgments based on evidence and ethical considerations and communicates these effectively  

| Band 5 | • demonstrates a thorough knowledge and understanding of the course content including context, prescribed focus areas and domain  
| Band 5 | • interprets and presents scientific information in an appropriate form  
| Band 5 | • comprehends, classifies and analyses data  
| Band 5 | • explains scientific principles and laws and applies them to familiar situations  
| Band 5 | • describes scientific method and applies it to experimental design  
| Band 5 | • describes and interprets explanatory models of scientific principles  
| Band 5 | • makes judgments based on evidence and ethical considerations and communicates these effectively  

| Band 4 | • demonstrates a sound knowledge and understanding of the course content including context, prescribed focus areas and domain  
| Band 4 | • comprehends, classifies and presents scientific data in a variety of forms  
| Band 4 | • applies some scientific principles and laws to familiar situations  
| Band 4 | • describes scientific method and experimental design  
| Band 4 | • describes explanatory models of some scientific principles  
| Band 4 | • expresses opinions based on evidence and ethical considerations and communicates these effectively  

| Band 3 | • demonstrates a basic knowledge and understanding of the course content including context, prescribed focus areas and domain  
| Band 3 | • classifies and presents simple scientific data  
| Band 3 | • describes simple experiments using text and diagrams  
| Band 3 | • recalls some scientific principles and explanatory models  

| Band 2 | • demonstrates a limited knowledge and understanding of the course content including context, prescribed focus areas and domain  
| Band 2 | • communicates simple scientific information and experimental data  
| Band 2 | • recalls some aspects of experimental work and scientific principles  

| Band 1 |