

CHART B

Draft literacy and numeracy achievement standards

These are the titles (or draft titles for standards yet to be registered) for the specified achievement standards that will meet Literacy and/or Numeracy requirements for NCEA Level 1. Standards yet to be registered have a "Matrix Id". Where a standard has a 'Y' in the column, achievement of the standard will contribute to that requirement.

Subject	Matrix	Title	Int/Ext	Creds	Literacy	Numeracy
Accounting	1.1	Demonstrate an understanding of accounting concepts for small entities.	Ext	3	Y	Y
	1.4	Prepare financial information for a community organisation's annual general meeting.	Int	4	Y	
	1.5	Interpret accounting information for sole proprietors.	Ext	4	Y	
	1.6	Make a financial decision for an individual or group.	Int	3	Y	
	1.7	Demonstrate an understanding of cash management for a small entity.	Int	4	Y	
Agric. & Horti. Science	1.1	Carry out a practical agricultural or horticultural investigation.	Int	4		
	1.3	Demonstrate knowledge of soil management practices.	Ext	4	Y	
	1.4	Demonstrate knowledge of the geographic distribution of primary production in NZ.	Int	3	Y	
	1.5	Demonstrate knowledge of the impact of primary prod. management practices on the environment.	Int	3	Y	
	1.6	Demonstrate knowledge of livestock management practices.	Ext	5	Y	
	1.7	Demonstrate knowledge of pasture/crop management practices.	Int	4	Y	
	1.9	Demonstrate knowledge of basic plant propagation techniques.	Int	4	Y	
	1.10	Demonstrate knowledge of horticultural plant management practices.	Ext	5	Y	
Art History	1.1	Demonstrate understanding of the formal elements of art works using art terminology.	Ext	4	Y	
	1.2	Demonstrate understanding of the subject matter of art works.	Int	4	Y	
	1.3	Demonstrate understanding of links between context(s) and art works.	Int	4	Y	
	1.4	Demonstrate knowledge of media and methods used to produce art works.	Int	4	Y	
	1.5	Demonstrate understanding of developments in an artist's work.	Int	4	Y	
	1.6	Explain why objects may be considered as art.	Ext	4	Y	
Biology	1.1	Carry out a practical investigation in a biology context.	Int	4		Y
	1.2	Report on a biological issue.	Int	3	Y	
	1.3	Demonstrate understanding of biological ideas relating to micro-organisms.	Ext	4	Y	
	1.4	Demonstrate understanding of the life cycle of flowering plants.	Ext	4	Y	
	1.5	Demonstrate understanding of biological ideas relating to a mammal as a consumer.	Ext	3	Y	
Business Studies	90837	Demonstrate an understanding of internal features of a small business.	Ext	4	Y	Y
	90838	Demonstrate an understanding of external factors influencing a small business.	Ext	4	Y	
	90839	Apply business knowledge to an operational problem(s) in a given small bus. context.	Ext	4	Y	
	90840	Apply the marketing mix to a new or existing product.	Int	3	Y	
	90841	Investigate aspects of human resource processes in a business.	Int	3	Y	
Chemistry	90842	Carry out & review a product-based bus. activity within a classroom context with direction.	Int	6	Y	
	1.1	Carry out a practical chemistry investigation, with direction.	Int	4		
Classical Studies	1.2	Demonstrate understanding of the chemistry in a techn. application, with direction.	Int	2	Y	
	1.1	Demonstrate understanding of ideas and values of the classical world.	Ext	4	Y	
Classical Studies	1.2	Demonstrate understanding of the significance of features of work(s) of art in the classical world.	Ext	4	Y	
	1.3	Demonstrate understanding of an important historical figure and/or event in the classical world.	Ext	4	Y	
	1.4	Demonstrate understanding of social relationships in the classical world.	Int	6	Y	
	1.5	Demonstrate understanding of links between aspects of the classical world and other cultures.	Int	6	Y	
Dance	1.4	Demonstrate understanding of the elements of dance.	Int	4	Y	
	1.5	Demonstrate understanding of a dance performance.	Ext	4	Y	
	1.6	Demonstrate knowledge of a dance genre or style.	Ext	4	Y	
Drama	1.1	Apply drama techniques in a dramatic context.	Int	4	Y	
	1.2	Devise and perform a drama.	Int	5	Y	
	1.3	Demonstrate understanding of the history and features of a drama / theatre form.	Ext	4	Y	
	1.4	Select and use features of a drama/ theatre form in a performance.	Int	4	Y	
	1.5	Demonstrate understanding of a play that is significant in the development of theatre.	Int	4	Y	
	1.6	Perform an acting role in a scripted production.	Int	5	Y	
	1.7	Demonstrate understanding of the use of drama elements, conventions, techniques and technologies within live performance.	Ext	4	Y	
Economics	1.1	Demonstrate understanding of consumer choices using scarcity and demand.	Ext	4	Y	
	1.2	Demonstrate understanding of decisions a producer makes about production.	Int	5	Y	
	1.3	Demonstrate understanding of producer choices using supply.	Ext	3	Y	
	1.4	Demonstrate understanding of how consumer, producer and/or government choices affect society using market equilibrium.	Ext	5	Y	
	1.5	Demonstrate understanding of a government choice where affected groups have different viewpoints.	Int	4	Y	
	1.6	Demonstrate understanding of the interdependence of sectors of the New Zealand economy.	Int	3	Y	
English	1.1	Show understanding of specified aspect(s) of studied written text(s), with supporting evidence.	Ext	4	Y	
	1.2	Show understanding of specified aspect(s) of studied visual or oral text(s), with supporting evidence.	Ext	4	Y	
	1.3	Show understanding of significant aspects of unfamiliar written texts through close reading, using supporting evidence.	Ext	4	Y	
	1.4	Produce creative writing.	Int	3	Y	
	1.5	Produce formal writing.	Int	3	Y	
	1.6	Construct and deliver an oral text.	Int	3	Y	
	1.7	Create a visual text.	Int	3	Y	
	1.8	Explain significant connection(s) across texts, with supporting evidence.	Int	4	Y	
	1.9	Use information literacy skills to form conclusion(s).	Int	4	Y	
	1.10	Form personal response to independently read texts, supported by evidence.	Int	4	Y	
	1.11	Show understanding of significant aspects of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence.	Int	3	Y	
Geography	1.1	Demonstrate a geographic understanding of an extreme natural event.	Ext	4	Y	Y
	1.2	Demonstrate an understanding of population geography concepts.	Ext	4	Y	
	1.3	Demonstrate a geographic understanding of sustainable resource use.	Int	3	Y	
	1.4	Apply geographic skills and ideas, with direction, to interpret a given context.	Ext	4		

Health	1.5	Conduct geographic research, with direction, and relate research findings to a geographic idea.	Int	4	Y	Y
	1.6	Describe viewpoints related to a contemporary geographic issue and evaluate courses of action.	Int	3	Y	
	1.7	Describe the causes of a global geographic pattern and examine its significance for people.	Int	3	Y	
	1.1	Take action to enhance an aspect of personal well-being.	Int	3	Y	
	1.2	Describe influences on adolescent eating patterns to make recommendations for health enhancing food choices.	Ext	4	Y	
	1.3	Describe ways in which well-being can change and strategies to support well-being during times of change.	Int	4	Y	
	1.4	Demonstrate understanding and application of interpersonal skills used to enhance relationships.	Int	5	Y	
	1.5	Describe strategies for promoting positive sexuality.	Int	4	Y	
	1.6	Describe strategies for making health-enhancing decisions in drug-related situations.	Ext	4	Y	
	1.1	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	Int	4	Y	
History	1.2	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	Int	4	Y	
	1.3	Interpret sources of an historical event of significance to New Zealanders.	Ext	4	Y	
	1.4	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders.	Int	4	Y	
Home Economics	1.5	Describe the causes and consequences of an historical event.	Ext	4	Y	
	1.6	Describe how a significant historical event affected New Zealand society.	Ext	4	Y	
	1.2	Describe how influences on an individual's food choices may affect their well-being.	Int	5	Y	
	1.3	Describe how cultural practices influence eating patterns in New Zealand.	Int	5	Y	
	1.4	Demonstrate knowledge of practices and strategies to address food handling issues.	Int	5	Y	
	1.5	Describe how the well-being of an individual/family can enhance the well-being of society.	Ext	4	Y	
Latin	1.6	Describe how nutritional information and packaging can influence food choices and well-being.	Ext	4	Y	
	1.1	Translate adapted Latin text into English.	Ext	6	Y	
	1.2	Comprehend adapted Latin text.	Ext	5	Y	
	1.3	Demonstrate understanding of studied Latin literary text(s).	Int	6	Y	
	1.4	Present a Roman viewpoint.	Int	4	Y	
Maths and Stats	1.5	Demonstrate understanding of Latin in current use.	Int	3	Y	
	1.1	Apply numeric reasoning in solving problems.	Int	4		Y
	1.2	Apply algebraic procedures in solving problems.	Ext	4		Y
	1.3	Investigate relationships between tables, equations or graphs.	Ext	4		Y
	1.4	Apply linear algebra in solving problems.	Int	3		Y
	1.5	Apply measurement in solving problems.	Int	3		Y
	1.6	Apply geometric reasoning in solving problems.	Ext	4		Y
	1.7	Apply right angled triangles in solving measurement problems.	Int	3		Y
	1.8	Apply knowledge of geometric representations in solving problems.	Int	3		Y
	1.9	Apply transformation geometry in solving problems.	Int	2		Y
	1.10	Investigate a given multivariate data set using the statistical enquiry cycle.	Int	4	Y	Y
	1.11	Use the statistical enquiry cycle to investigate bivariate measurement data.	Int	3	Y	Y
	1.12	Demonstrate understanding of chance and data.	Ext	4		Y
	1.13	Investigate a situation involving elements of chance.	Int	3	Y	Y
Media Studies	1.1	Demonstrate understanding of how individuals interact with the media.	Int	3	Y	Y
	1.2	Demonstrate understanding of selected elements of media text(s).	Int	3	Y	
	1.3	Demonstrate understanding of the media coverage of a current issue or event.	Ext	4	Y	
	1.4	Demonstrate understanding of characteristics of a media genre.	Ext	4	Y	
	1.7	Demonstrate understanding of rules that govern the media in New Zealand.	Int	3	Y	
	1.8	Write media texts for a specific target audience.	Int	3	Y	
Music	1.5	Demonstrate knowledge of conventions used in music scores.	Ext	4	Y	
	1.6	Demonstrate knowledge of two music works from contrasting contexts.	Int	6	Y	
Physical Education	1.2	Describe the function of the body as it relates to the performance of physical activity.	Int	5	Y	
	1.4	Describe the implications for self and others of societal influences on physical activity.	Int	4	Y	
	1.5	Demonstrate interpersonal skills and use on-going reflection to explain the effects on the functioning of a group or team.	Int	4	Y	
	1.6	Demonstrate and describe the factors/strategies that influence performance of a physical activity.	Int	3	Y	
	1.7	Demonstrate and describe responsible behaviour for safety during outdoor education activities.	Int	3	Y	
	1.9	Demonstrate self management strategies and describe the effects on participation in physical activity.	Int	2	Y	
Physics	1.1	Carry out a practical investigation, with direction, that leads to a linear mathematical relationship.	Int	4		Y
	1.2	Demonstrate understanding of the physics of an application.	Int	2	Y	
	1.3	Demonstrate understanding of aspects of electricity and magnetism.	Ext	4		Y
	1.4	Demonstrate understanding of aspects of wave behaviour.	Ext	4		Y
	1.5	Demonstrate understanding of aspects of heat.	Ext	4		Y
Religious Studies	90816	Describe key features of a sacred text.	Int	6	Y	
	90817	Describe a significant aspect within the development of a religious tradition.	Int	6	Y	
	90818	Describe key ethical principles of a religious tradition and how they are applied to an issue.	Int	6	Y	
	90819	Describe key beliefs of a religious tradition.	Int	6	Y	
Science	1.1	Demonstrate understanding of aspects of mechanics.	Ext	4		Y
	1.2	Investigate the implication of electricity and magnetism in everyday life.	Int	4		Y
	1.3	Investigate the implication of wave behaviour in everyday life.	Int	4		Y
	1.4	Investigate the implication of heat in everyday life.	Int	4		Y
	1.9	Demonstrate understanding of genetic variation.	Ext	4	Y	
	1.13	Demonstrate understanding of the formation of surface features in New Zealand.	Int	4	Y	
	1.14	Demonstrate understanding of carbon cycling.	Int	4	Y	
	1.15	Demonstrate understanding of the effect on planet Earth of astronomical cycles.	Int	4	Y	
Social Studies	1.16	Investigate an astronomical or Earth science event.	Int	4	Y	
	1.1	Describe how cultures change.	Ext	4	Y	
	1.2	Conduct a social inquiry.	Int	6	Y	
	1.3	Describe the consequences of cultural change(s).	Ext	4	Y	
	1.4	Describe personal involvement in a social justice and human rights action.	Int	5	Y	
	1.5	Describe a social justice and human rights action.	Int	4	Y	

Technology (Generic)	1.1	Undertake brief development to address a need or opportunity.	Int	4	Y	
	1.5	Demonstrate understanding of how technological modelling supports decision making.	Ext	4	Y	
	1.6	Demonstrate understanding of how materials enable technological products to function.	Ext	4	Y	
	1.7	Demonstrate understanding of the role of subsystems in technological systems.	Ext	4	Y	
	1.8	Demonstrate understanding of how the influence of a range of disciplines impacts on a technological development.	Int	4	Y	
	1.9	Demonstrate understanding of the ways a technological outcome, people and social and physical environments interact.	Int	4	Y	
	1.10	Demonstrate understanding of design.	Int	3	Y	
	1.11	Demonstrate understanding of basic human factors in design.	Int	4	Y	
	1.12	Demonstrate understanding of basic concepts used in manufacturing.	Int	4	Y	
Technology (Specialist Categories)						
Construction & Mechanical Technologies		Demonstrate understanding of basic concepts used to construct with building materials.	Ext	4	Y	
		Demonstrate understanding of basic concepts used to construct with textiles.	Ext	4	Y	
		Demonstrate understanding of basic concepts related to structures.	Int	3	Y	
		Demonstrate understanding of basic concepts related to machines.	Int	3	Y	
Design and Visual Communication Technologies		Produce instrumental, multi-view orthographic drawings that communicate technical features of own design ideas.	Ext	3		Y
		Produce instrumental paraline drawings to communicate own design ideas.	Ext	3		Y
		Promote design work to an audience using visual communication techniques.	Int	4	Y	
Digital Technologies		Demonstrate understanding of basic concepts of information management.	Ext	3	Y	
		Demonstrate understanding of basic concepts of digital media.	Ext	3	Y	
		Demonstrate understanding of basic concepts from computer science.	Ext	3	Y	
		Demonstrate understanding of concepts and components used in the design and construction of electronic environments.	Int	3	Y	
		Demonstrate understanding of the common components of digital infrastructures.	Int	3	Y	
Processing Technologies		Demonstrate understanding of basic concepts used in processing living organisms.	Int	4	Y	
		Demonstrate understanding of basic concepts used in processing ingredients.	Int	4	Y	
		Demonstrate understanding of basic concepts used in preservation, packaging and storage of products.	Int	4	Y	
Te Reo Māori	1.1	Whakarongo kia whai māramatanga i te reo o tōna ao mōhio.	Int	6	Y	
	1.2	Whakaputa kōrero i te reo o tōna ao mōhio.	Int	6	Y	
	1.3	Pānui kia whai māramatanga i te reo o tōna ao mōhio.	Ext	6	Y	
	1.4	Tuhi kōrero i te reo o tōna ao mōhio.	Ext	6	Y	
	1.5	Whakamahi rauemi hei hanga tuhinga i te reo o tōna ao mōhio.	Int	6	Y	
Te Reo Rangatira	90135	Whakarongo ki ngā kōrero o tōna ao.	Ext	4	Y	
	90137	Pānui i ngā tuhinga huhua noa.	Ext	4	Y	
	90801	Kōrero i te reo ōkawa.	Int	3	Y	
	90802	Kōrero i te reo ōpaki.	Int	3	Y	
	90803	Āta hanga i tētahi tuhinga.	Int	4	Y	
	90804	Tuhituhi kōrero e hāngai ana ki te kaupapa.	Ext	3	Y	
	90805	Mātakitaki i te reo ataata.	Int	3	Y	
Visual Arts	1.1	Demonstrate understanding of art and artworks from Māori and other cultural contexts using art terminology.	Int	4	Y	