

Arts Learning Area NCEA Assessments

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	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
1 Music – 1MUS														
91090	Present contrasting performances as a featured soloist (1.1)	1	6	Int										Y
91091	Present a music performance as a member of a group (1.2)	1	4	Int										Y
91092	Compose two original pieces of music (1.3)	1	6	Int										Y
91094	Demonstrate knowledge of conventions used in music scores (1.5)	1	4	Ext										Y
91093	Demonstrate aural and theoretical skills through transcription	1	4	Ext										Y
91095	Demonstrate knowledge of two music works from contrasting contexts (1.6)	1	6	Int										Y
2 Music – 2MUS														
91270	Present two substantial pieces as a featured soloist (2.1)	2	6	Int										Y
91274	Perform two substantial pieces on a second instrument (2.2)	2	6	Int										Y
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group (2.3)	2	4	Int										Y
91271	Compose two substantial pieces of music (2.4)	2	6	Int										Y
91276	Demonstrate knowledge of conventions in a range of music scores (2.6)	2	4	Ext										Y
91275	Demonstrate aural understanding through written representation (2.5)	2	4	Ext										Y
91277	Demonstrate understanding of two substantial music works (2.7)	2	6	Ext										Y
91273	Devise an instrumentation for an ensemble (2.8)	2	4	Int										Y
91278	Investigate an aspect of New Zealand music (2.9)	2	4	Int										Y
3 Music – 3MUS														
91423	Examine the influence of context on a substantial music work (3.8)	3	4	Ext										Y
91425	Research a music topic (3.10)	3	6	Int										Y
91424	Create two arrangements for an ensemble.	3	4	Int										Y
91419	Communicate musical intention by composing three original pieces of music.	3	8	Int										Y
91418	Demonstrate ensemble skills by performing two substantial pieces as a member of a group (3.3)	3	4	Int										Y
91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores (3.6)	3	4	Ext										Y
91422	Analyse a substantial work (3.7)	3	4	Int										Y
91416	Perform two programmed of music as a featured soloist (3.1)	3	8	Int				Y						Y
91417	Perform a programmed of music as a featured soloist on a second instrument (3.2)	3	4	Int				Y						Y
91420	Integrate aural skills through written representation (3.5)	3	4	Ext				Y						Y

	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
1 Visual Arts – 1ART														
90913	Demonstrate understanding of art and artworks from Maori and other cultural contexts using art terminology	1	4	Int								Y		Y
90915	Use drawing conventions to develop work in more than one field of practice (1.3)	1	6	Int										Y
90916	Produce a body of work informed by established practice that develops ideas using a range of media (1.4)	1	12	Ext										Y
2 Visual Arts – 2ART														
91314	Use drawing methods to apply knowledge of conventions appropriate to sculpture (2.2)	2	4	Int										Y
91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking (2.2)	2	4	Int										Y
91311	Use drawing methods to apply knowledge of conventions appropriate to painting (2.2)	2	4	Int										Y
91318	Develop ideas in a related series of drawings appropriate to established printmaking practice (2.3)	2	4	Int										Y
91323	Produce a systematic body of work that shows understanding of art making conventions and ideas within printmaking (2.4)	2	12	Ext										Y
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting (2.4)	2	12	Ext										Y
3 Painting – 3PAI														
91446	Use drawing to demonstrate understanding of conventions appropriate to painting (3.2)	3	4	Int				Y						Y
91451	Clarify ideas using drawing informed by established painting practice (3.3) Systematically	3	4	Int				Y						Y
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting (3.4)	3	14	Ext				Y						Y
3 Printmaking – 3PRI														
91448	Use drawing to demonstrate understanding of conventions appropriate to printmaking (3.2)	3	4	Int				Y						Y
91453	Systematically clarify ideas using drawing informed by established printmaking practice (3.3)	3	4	Int				Y						Y
91458	Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking (3.4)	3	14	Ext				Y						Y

	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Arts
3 Sculpture – 3SCU														
91449	Use drawing to demonstrate understanding of conventions appropriate to sculpture (3.2)	3	4	Int				Y						Y
91454	Systematically clarify ideas using drawing informed by established sculpture practice (3.3)	3	4	Int				Y						Y
91459	Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture (3.4)	3	14	Ext				Y						Y
2 Art Design – 2ARD														
91310	Use drawing methods to apply knowledge of conventions appropriate to design (2.2)	2	4	Int										Y
91315	Develop ideas in a related series of drawings appropriate to established design practice (2.3)	2	4	Int										Y
91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design (2.4)	2	12	Ext										Y
91445	Use drawing to demonstrate understanding of conventions appropriate to design (3.2)	3	4	Int										Y
91450	Systematically clarify ideas using drawing informed by established design practice (3.3)	3	4	Int										Y
91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design (3.4)	3	14	Ext										Y
2 Art History – 2ARH														
91180	Examine the effects of formal elements of art works (2.1)	2	4	Ext			Y							Y
91181	Examine the meanings conveyed by art works (2.2)	2	4	Ext			Y					Y		Y
91184	Communicate understanding of an art history topic (2.5)	2	4	Int			Y							Y
91183	Examine how media are used to create effects in art works (2.4)	2	4	Int								Y		Y
91185	Communicate a considered personal response to art works (2.6)	2	4	Int										Y
3 Art History – 3ARH														
91482	Demonstrate understanding of style in art works (3.1)	3	4	Ext			Y							Y
91483	Examine how meanings are communicated through art works (3.2)	3	4	Ext			Y					Y		Y
91484	Examine the relationship(s) between art and context (3.3)	3	4	Ext			Y							Y
91486	Construct an argument on interpretation of research in art history (3.5)	3	4	Int			Y							Y
91488	examine the relationship(s) between a theory and art works (3.7)	3	4	Int			Y							Y
91489	Analyse texts in art (3.8)	3	4	Int			Y							Y
91487	Examine the different values placed on art works (3.6)	3	4	Int			Y					Y		Y

	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Arts
2 Drama – 2DRA														
91213	Apply drama techniques in a scripted context (2.1)	2	4	Int			Y							Y
91214	Devise and perform a drama to realise an intention (2.2)	2	5	Int										Y
91215	Discuss a drama or theatre form or period with reference to a text (2.3)	2	4	Ext			Y							Y
91218	Perform a substantial acting role in a scripted production (2.6)	2	5	Int			Y							Y
3 Drama – 3DRA														
91512	Interpret scripted text to integrate drama techniques in performance (3.1)	3	4	Int			Y	Y						Y
91513	Devise and perform a drama to realise a concept (3.2)	3	5	Int				Y				Y		Y
91518	Demonstrate understanding of live drama performance (3.7)	3	4	Ext			Y	Y						Y
91517	Perform a substantial acting role in a significant production (3.6)	3	5	Int			Y	Y						Y
2 Photography – 2PHO														
91312	Use drawing methods to apply knowledge of conventions appropriate to photography (2.2)	2	4	Int										Y
91317	Develop ideas in a related series of drawings appropriate to established photography practice (2.3)	2	4	Int										Y
91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography (2.4)	2	12	Ext										Y
3 Photography – 3PHO														
91447	Use drawing to demonstrate understanding of conventions appropriate to photography (3.2)	3	4	Int				Y						Y
91452	Systematically clarify ideas using drawing informed by established photography practice (3.3)	3	4	Int				Y						Y
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography (3.4)	3	14	Ext				Y						Y

English Learning Area NCEA Assessments

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
Year 10 English – 10ENG														
90854	From personal response to independently read texts, supported by evidence (1.10)	1	4	Int	Y	N			Y	Y	Y	Y	Y	Y
1 English – 1ENG														
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence (1.1)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence (1.2)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90851	Show understanding of significant aspects of unfamiliar written text (s) through close reading, using supporting evidence (1.3)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90052	Produce creative writing (1.4)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90053	Produce formal writing (1.5)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90855 (OPT)	Create a visual text (1.7)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90857 (OPT)	Construct and deliver an oral text (1.6)	1	3	Int		N			Y	Y	Y	Y	Y	Y
2 English – 2ENG														
91098	Analyse studied written text(s) (2.1)	2	4	Ext	Y	N	Y		Y	Y	Y	Y	Y	
91099	Analyse studied visual/oral texts (2.2)	2	4	Ext	Y	N	Y		Y	Y	Y	Y	Y	
91100	Analyse unfamiliar texts through close reading (2.3)	2	4	Ext	Y	N	Y		Y	Y	Y	Y	Y	
91101	Produce a selection of crafted writing (2.4)	2	6	Int	Y	N	Y		Y	Y	Y	Y	Y	
91105	Use Information literacy skills to form developed conclusions (2.8)	2	4	Int	Y	N	Y		Y	Y	Y	Y	Y	
1 English Extension – 1ENX														
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence (1.1)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence (1.2)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence (1.3)	1	4	Ext		N			Y	Y	Y	Y	Y	Y
90052	Produce creative writing (1.4)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90053	Produce formal writing (1.5)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90855 (OPT)	Create a visual text (1.7)	1	3	Int		N			Y	Y	Y	Y	Y	Y
90857 (OPT)	Construct and deliver an oral text (1.6)	1	3	Int		N			Y	Y	Y	Y	Y	Y

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Health and Physical Education Learning Area NCEA Assessments

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Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
91237	Take action to enhance an aspect of people's well-being within the school or wider community (2.3)	2	5	Int										
91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues (2.5)	2	5	Int										
	3 Hauora													
91464	evaluate health practices currently used in NZ (3.4)	3	5	Int	Y	N	Y	Y						
91463	Analyse a contemporary ethical issue in relation to well-being (3.3)	3	4	Int	Y	N	Y	Y						
	1 Health													
91097	Demonstrate understanding of ways in which well-being can change and strategies to support well-being (1.3)	1	4	Int							Y	Y	Y	Y
90973	Demonstrate understanding of interpersonal skills used to enhance relationships (1.4)	1	5	Int							Y	Y	Y	
90974	Describe strategies for promoting positive sexuality (1.5)	1	4	Int									Y	
90975	Demonstrate understanding of strategies for making health-enhancing decisions in drug-related situations	1	4	Ext							Y	Y	Y	Y
	2 Health													
91237	Analyse issues related to sexuality and gender to develop strategies for addressing the issue (2.5)	2	5	Int								Y	Y	
91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issue (2.5)	2	5	Int							Y		Y	
91238	Analyse an interpersonal issue(s) that places personal safety at risk (2.4)	2	4	Ext							Y	Y	Y	
91236	evaluate factors that influence people's ability to manage change (2.2)	2	5	Int							Y	Y	Y	

	3 Health													
91461	Analyse a NZ health Issue (3.1)	3	5	Int	Y	N	Y	Y			Y	Y	Y	
91464	evaluate health practices currently used in NZ (3.4)	3	5	Int	Y	N	Y	Y			Y	Y	Y	
91463	Analyse a contemporary ethical issue in relation to well-being	3	4	Int	Y	N	Y	Y				Y	Y	

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Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
	1 Sports Science													
90962	participate actively in a variety of physical activities and explain factors that influence own participation (1.1)	1	5	Int								Y	Y	Y
90963	Describe the function of the body as it relates to the performance of physical activity (1.2)	1	5	Int							Y	Y	Y	Y
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others (1.5)	1	4	Int								Y	Y	Y
90964	Demonstrate quality movement in the performance of a physical activity (1.3)	1	3	Int								Y	Y	Y
90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes (1.6)	1	3	Int										
	2 Sports Science and Physical Education													
91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills (2.2)	2	5	Int							Y	Y	Y	Y
91329	Demonstrate understanding of the application of biophysical principles to training for physical activity (2.3)	2	4	Int									Y	Y
91330	perform a physical activity in an applied setting (2.4)	2	4	Int								Y		Y
91331 (OPT)	examine the significance for self, others and society of a sporting event, a physical activity or festival (2.5)	2	4	Int								Y	Y	Y
91332	evaluate leadership strategies that contribute to the effective functioning of a group (2.6)	2	4	Int								Y	Y	Y
91333	Analyse the application of risk management strategies to a challenging outdoor activity (2.7)	2	3	Int							Y	Y	Y	Y
3 Sports Science and Physical Education														
91498	Apply knowledge to plan a physical activity programme or experience (3.1)	3	3	Int	N	Y	N	Y				Y	Y	
91499	Analyse a physical skill performed by self or others. (3.2)	3	3	Int	N	N	N	Y				Y	Y	Y
91500	evaluate the effectiveness of a performance improvement programme. (3.3)	3	4	Int	N	Y	N	Y				Y		Y
91501	Demonstrate quality performance of a physical activity in an applied setting.(3.4)	3	4	Int	N	Y	N	Y				Y		Y
91502	examine a current physical activity event, trend, or issue and its impact on New Zealand society. (3.5)	3	4	Int	Y	N	Y	Y				Y	Y	
91504	Analyse issues in safety management for outdoor activity to devise safety management strategies. (3.7)	3	3	Int	N	N	N	Y				Y	Y	

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Languages Learning Area NCEA Assessments

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Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
91544	Give a clear spoken presentation in French that communicates a critical response to stimulus material (3.2)	3	3	Int								Y	Y	Y
91545	Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations (3.3)	3	6	Int								Y	Y	Y
91546	Read and understand written French containing complex language, in less familiar contexts (3.4)	3	5	Ext								Y	Y	Y
91547	Write a variety of text types in clear French to explore and justify varied ideas and perspectives (3.5)	3	5	Int								Y	Y	Y

1 Spanish – 1SPA

90908	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance (1.1)	1	5	Ext								Y	Y	Y
90909	Give a spoken presentation in Spanish that communicates a personal response (1.2)	1	4	Int								Y	Y	Y
90910	Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations (1.3)	1	5	Int								Y	Y	Y
90911	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance (1.4)	1	5	Ext								Y	Y	Y
90912	write a variety of text types in Spanish on areas of most immediate relevance (1.5)	1	5	Int								Y	Y	Y

2 Spanish – 2SPA

91148	Demonstrate an understanding of a variety of spoken Spanish texts on familiar matters (2.1)	2	5	Ext								Y	Y	Y
91149	Interact using spoken Spanish to share information and justify ideas and opinions in different situations (2.2)	2	5	Int								Y	Y	Y
91150	Give a spoken presentation in Spanish that communicates information, ideas and opinions (2.3)	2	4	Int								Y	Y	Y
91151	Demonstrate understanding of a variety of written and/or visual Spanish texts on familiar matters (2.4)	2	5	Ext								Y	Y	Y
91152	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts (2.5)	2	5	Int								Y	Y	Y

3 Spanish – 3SPA

91568	Listen to and understand complex spoken Spanish in less familiar contexts (3.1)	3	5	Ext								Y	Y	Y
91569	Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material (3.2)	3	3	Int								Y	Y	Y
91570	Interact clearly using spoken Spanish to explore and justify varied ideas and perspectives in different situations (3.3)	3	6	Int								Y	Y	Y
91571	Read and understand written Spanish containing complex language, in less familiar contexts (3.4)	3	5	Ext								Y	Y	Y
91572	Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives (3.5)	3	5	Int								Y	Y	Y

1 Te Reo Maori – 1TRM

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
91085	Whakarongo kia mōhio ki te reo o tōna ao (1.1)	1	6	Int							Y	Y	Y	Y
91086	Kōrero kia whakamahi i te reo o tōna ao (1.2)	1	6	Int							Y	Y	Y	Y
91087	Pānui kia mōhio ki te reo o tōna ao (1.3)	1	6	Ext							Y	Y	Y	Y
91088	Tuhi i te reo o tōna ao (1.4)	1	6	Ext							Y	Y	Y	Y
91089	Waihanga tuhinga auaha, i te reo o tōna ao (2.5)	1	6	Int							Y	Y	Y	Y
2 Te Reo Maori – 2TRM														
91284	Whakarongo kia mōhio ki te reo o te ao torotoro (2.1)	2	4	Int							Y	Y	Y	Y
91285	Kōrero kia whakamahi ki te reo o te ao torotoro (2.2)	2	6	Int							Y	Y	Y	Y
91288	Waihanga tuhinga auaha, i te reo o te ao torotoro. (2.5)	2	6	Int							Y	Y	Y	Y
91286	Pānui kia mōhio ki te reo o te ao torotoro (2.3)	2	6	Ext							Y	Y	Y	Y
91287	Tuhi i te reo o te ao torotoro (2.4)	2	6	Ext							Y	Y	Y	Y
3 Te Reo Maori – 3TRM														
91650	Whakarongo kia mōhio ki te reo māori o te ao whānui (3.1)	3	4	Int							Y	Y	Y	Y
91651	Kōrero kia whakamahi i te reo māori o te ao whānui (3.2)	3	6	Int							Y	Y	Y	Y
91652	Pānui kia mōhio ki te reo o te ao whānui (3.3)	3	6	Ext							Y	Y	Y	Y
91653	Tuhi i te reo o te ao whānui (3.4)	3	6	Ext							Y	Y	Y	Y
91654	Waihanga tuhinga auaha, i te reo o te ao whānui (3.5)	3	6	Int							Y	Y	Y	Y

Learning Support NCEA Assessments

(Assessments are selected from below to meet individual needs)

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Mathematics Learning Area NCEA Assessments

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
Year 10 Mathematics Extension – 10MAX														
91026	Apply numeric reasoning in solving problems (1.1)	1	4	Int		Y			Y	Y	Y	Y	Y	Y
91032	Apply right angled triangles in solving measurement problems (1.7)	1	3	Int		Y			Y	Y	Y	Y		Y
91036	Investigate bivariate numerical data using the statistical enquiry cycle (1.11)	1	3	Int	Y	Y					Y	Y	Y	Y
91028	Investigate relationships between tables, equations and graphs. (1.3)	1	4	Ext		Y			Y	Y	Y	Y		Y
1/2 Mathematics Extension – 2MAX														
91027	Apply algebraic procedures in solving problems (1.2)	1	4	Ext		Y			Y	Y	Y	Y	Y	Y
91256	Apply co-ordinate geometry methods in solving problems (2.1)	2	2	Int		Y			Y	Y	Y	Y	Y	Y
91258	Apply sequences and series in solving problems (2.3)	2	2	Int		Y			Y	Y	Y		Y	Y
91259	Apply trigonometric relationships in solving problems (2.4)	2	3	Int		Y			Y	Y				Y
91264	Use statistical methods to make inferences (2.9)	2	4	Int	Y	Y					Y	Y	Y	
91267	Apply probability methods in solving problems (2.12)	2	4	Ext	Y	Y					Y	Y	Y	
2/3 Mathematics Extension – 3MAX														
91261	Apply algebraic methods in solving problems (2.6)	2	4	Ext		Y			Y	Y	Y			
91262	Apply calculus methods in solving problems (2.7)	2	5	Ext		Y			Y	Y	Y			
91269	Apply systems of equations in solving problems (2.14)	2	2	Int		Y			Y	Y				Y
91574	Apply Linear Programming methods in solving problems (3.1)	3	3	Int		Y		Y	Y	Y	Y			
91573	Apply the geometry of conic sections in solving problems (3.1)	3	3	Int		Y		Y	Y	Y				Y
91586	Apply probability distributions in solving problems (3.14)	3	4	Ext				Y			Y	Y	Y	
3+ Statistics Extension – 3MASX														
91580	Investigate times series data (3.8)	3	4	Int	Y	Y		Y			Y		Y	
91581	Investigate bivariate measurement data. (3.9)	3	4	Int	Y	Y		Y			Y			
91582	Use statistical methods to make a formal inference (3.10)	3	4	Ext	Y	Y		Y			Y	Y	Y	Y
91584	Evaluate statistically based reports (3.12)	3	4	Ext	Y	Y	Y	Y			Y	Y	Y	
91585	Apply probability concepts in solving problems (3.13)	3	4	Ext		Y		Y			Y	Y	Y	

1 Mathematics with Algebra & Statistics – 1MATH														
91026	Apply numeric reasoning when solving problems. (1.1)	1	4	Int		Y			Y	Y	Y	Y	Y	Y
91027	Apply algebraic procedures in solving problems (1.2)	1	4	Ext		Y			Y	Y	Y	Y	Y	Y

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
91028	Investigate relationships between tables, equations and graphs. (1.3)	1	4	Ext		Y			Y	Y	Y	Y		Y
91037	Demonstrate understanding of chance and data (1.10)	1	4	Ext		Y					Y	Y	Y	Y
91036	Investigate bivariate numerical data using the statistical enquiry cycle (1.11)	1	3	Int	Y	y					Y	Y	Y	Y
2 Mathematics with Algebra & Statistics – 2MATH														
91259	Apply trigonometric relationships in solving problems (2.4)	2	3	Int		Y			Y	Y				Y
91261	Apply algebraic methods in solving problems (2.6)	2	4	Ext		Y			Y	Y	Y			
91262	Apply calculus methods in solving problems (2.7)	2	5	Ext		Y			Y	Y	Y			
91264	Use statistical methods to make inferences (2.9)	2	4	Int	Y	Y					Y	Y	Y	
91267	Apply probability methods in solving problems (2.12)	2	4	Ext	Y	Y					Y	Y	Y	
91269	Apply systems of equations in solving problems (2.14)	2	2	Int		Y			Y	Y				Y
3 Calculus – 3MAC														
91576	Use critical path analysis in solving problems (3.4)	3	2	Int		Y		Y	Y		Y		Y	
91578	Apply differentiation methods in solving problems (3.6)	3	6	Ext		Y		Y	Y	Y	Y		Y	
91579	Apply integration methods in solving problems (3.7)	3	6	Ext		Y		Y	Y	Y	Y			
91587	Apply systems of simultaneous equations in solving problems (3.15)	3	3	Int		Y		Y	Y	Y	Y			
2 Mathematics with Statistics – 2MATS														
91259	Apply trigonometric relationships in solving problems (2.4)	2	3	Int		Y			Y	Y				Y
91260	Apply networks in solving problems (2.5)	2	2	Int		Y			Y	Y	Y	Y	Y	Y
91264	Use statistical methods to make inferences 2.9)	2	4	Int	Y	Y					Y	Y	Y	
91265	Conduct an experiment to investigate a situation using statistical methods (2.10)	2	3	Int	Y	Y			Y	Y	Y	Y	Y	Y
91267	Apply probability methods in solving problems (2.12)	2	4	Ext		Y					Y	Y	Y	
91268	Investigate a situation involving elements of chance using a simulation (2.13)	2	2	Int	Y	Y					Y		Y	
3 Statistics External – 3MASE														
91580	Investigate times series data (3.8)	3	4	Int	Y	Y		Y			Y		Y	
91581	Investigate bivariate measurement data (3.9)	3	4	Int	Y	Y		Y			Y			
91582	Use statistical methods to make a formal inference (3.10)	3	4	Int	Y	Y		Y			Y	Y	Y	Y
91585	Apply probability concepts in solving problems (3.13)	3	4	Ext		Y		Y			Y	Y	Y	
91586	Apply probability distributions in solving problems (3.14)	3	4	Ext		Y		Y			Y	Y	Y	

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
3 Statistics Internal – 3MASI														
91576	Use critical path analysis in solving problems (3.4)	3	2	Int		Y		Y	Y		Y		Y	
91574	Apply Linear Programming methods in solving problems (3.2)	3	3	Int		Y		Y	Y	Y	Y			
91581	Investigate bivariate measurement data. (3.9)	3	4	Int	Y	Y		Y			Y			
91582	Use statistical methods to make a formal inference (3.10)	3	4	Int		Y		Y			Y	Y	Y	Y
91583	Conduct an experiment to investigate a situation using experimental design principles (3.11)	3	4	Int	Y	Y	Y	Y			Y	Y	Y	
91584	Evaluate statistically based reports (3.12)	3	4	Ext	Y	Y	Y	Y			Y	Y	Y	

Science Learning Area NCEA Assessments

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
Year 10 Animal and Plant Science -10APS														
90922	Design a landscape plan that reflects user requirements (1.8)	1	3	Int							Y			
90918	Carry out a practical agricultural or horticultural investigation (1.1)	1	4	Int		Y					Y			
1 Animal and Plant Science - 1APS														
90925	Carry out a practical investigation in a biological context (1.1)	1	4	Int		Y					Y			
90921	Demonstrate knowledge of livestock management practices (1.6)	1	5	Ext	Y						Y			
90950	Investigate Biological ideas relating to interactions between humans and micro-organisms (1.11)	1	4	Int						Y	Y	Y	Y	Y
90928	Demonstrate understanding of biological ideas relating to the life cycle of flowering plants (1.4)	1	4	Ext	Y						Y			
90929	Demonstrate understanding of biological ideas relating to a mammal as a consumer (1.5)	1	3	Ext	Y						Y	Y	Y	
2 Animal and Plant Science - 2APS														
91298	Carry out an extended practical agricultural or horticultural investigation (2.1)	2	4	Int	Y	Y					Y			
91295	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices. (2.7)	2	4	Int	Y	Y					Y			
91293	Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand (2.5)	2	4	Int	Y	Y					Y			
91294	Demonstrate understanding of how NZ commercial management practices influence livestock growth and development (2.6)	2	4	Ext	Y						Y			
91290	Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production (2.2)	2	4	Ext	Y						Y			
3 Animal and Plant Science -3APS														
91528	Carry out an investigation into an aspect of a New Zealand primary product or its production (3.1)	3	4	Int	Y	Y					Y			
91529	Research and report on the impact of factors on the profitability of a New Zealand primary product (3.2)	3	6	Int	Y	Y					Y			
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications (3.7)	3	3	Int	Y					Y	Y		Y	
91531	Demonstrate understanding of how the production process meets the market requirements for a New Zealand primary product(s). (3.4)	3	4	Ext	Y						Y			
91532	Analyse a New Zealand primary production environmental issue. (3.5)	3	5	Ext	Y						Y			

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
Year 10 Science Extension – 1SCIX (By senior management placement only)														
90940	Demonstrate understanding of aspects of mechanics in one dimension (1.1)	1	4	Ext		Y			Y	Y	Y	Y	Y	Y
90930	Carry out a practical chemistry investigation, with direction (1.1)	1	4	Int		Y				Y	Y		Y	Y
90944	Demonstrate an understanding of aspects of Acids and Bases (1.5)	1	4	Ext						Y	Y		Y	Y
90948	Describe understanding of genetic variation (1.9)	1	4	Ext	Y						Y		Y	Y
90952	Demonstrate understanding of the formation of surface features in New Zealand (1.13)	1	4	Int	Y						Y	Y		Y
1 Science Alternative – 1SCA (By teacher placement only)														
90954	Demonstrate understanding of the effects of astronomical cycles on planet earth.	1	4	Int	Y						Y	Y		Y
90949	Investigate life processes and environmental factors that affect them (1.10)	1	4	Int							Y	Y	Y	Y
90950	Investigate biological ideas relating to interactions between humans and micro-organisms (1.11)	1	4	Int							Y			Y
90925	Carry out a practical investigation in a biological context, with direction (1.1)	1	4	Int		Y					Y			
90926	Report on a biological issue (1.2)	1	3	Int	Y						Y			
1 Science External - 1SCIE														
90948	Describe understanding of genetic variation (1.9)	1	4	Ext	Y						Y		Y	Y
90944	Demonstrate an understanding of aspects of Acids and Bases (1.5)	1	4	Ext					Y	Y	Y			Y
90940	Demonstrate understanding of aspects of mechanics in one dimension (1.1)	1	4	Ext		Y				Y	Y	Y	Y	Y
90954	Demonstrate understanding of the effect on planet earth of astronomical cycles (1.15)	1	4	Int	Y						Y			Y
90930	Carry out a practical chemistry investigation, with direction (1.1)	1	4	Int		Y			Y	Y	Y			Y
1 Science Internal - 1SCII														
90948 (OPT)	Describe understanding of genetic variation (1.9)	1	4	Ext	Y					Y	Y		Y	
90944 (OPT)	Demonstrate an understanding of aspects of Acids and Bases (1.5)	1	4	Ext					Y	Y	Y			Y
90940 (OPT)	Demonstrate understanding of aspects of mechanics in one dimension (1.1)	1	4	Ext		Y			Y	Y	Y	Y	Y	Y
90951	Investigate the biological impact of an event on a NZ ecosystem (1.12)	1	4	Int					Y	Y	Y			Y
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship with direction. (1.1)	1	4	Int		Y				Y	Y		Y	Y
90926	Report on a biological issue. (1.2)	1	3	Int	Y									
90930	Carry out a practical investigation with direction (1.1)	1	4	Int		Y			Y	Y	Y			Y
909354	Demonstrate understanding of the effect on planet earth of astronomical cycles (1.15)	1	4	Int	Y						Y			Y

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
2 Biology - 2BIO														
91153	Carry out a practical investigation in a biology context (2.1)	2	4	Int		Y					Y		Y	
91155	Demonstrate understanding of adaptation of plants or animals to their way of life (2.3)	2	3	Int	Y						Y			
91156	Demonstrate understanding of life processes at the cellular level (2.4)	2	4	Ext	Y						Y		Y	
91157	Demonstrate understanding of genetic variation and change (2.5)	2	4	Ext	Y						Y		Y	
91159	Demonstrate understanding of gene expression (2.7)	2	4	Ext	Y						Y		Y	
3 Biology - 3BIO														
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue (3.2)	3	3	Int	Y			Y		Y	Y		y	
91603	Demonstrate understanding of the responses of plants and animals to their external environment (3.3)	3	5	Ext	Y			Y			Y			
91604	Demonstrate understanding of how an animal maintains a stable internal environment (3.4)	3	3	Int	Y			Y			Y		Y	
91605	Demonstrate understanding of evolutionary processes leading to speciation (3.5)	3	4	Ext	Y			Y		Y	Y		Y	
91606	Demonstrate understanding of trends in human evolution (3.6)	3	4	Ext	Y			Y			Y			
2 Chemistry – 2 CHE														
91910	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis (2.1)	2	4	Int		Y								
91164	Demonstrate understanding of bonding, structure and energy changes (2.4)	2	5	Ext	Y				Y	Y	Y		Y	Y
91165	Demonstrate understanding of the properties of selected organic compounds (2.5)	2	4	Ext	Y				Y	Y	Y	Y	Y	Y
91166	Demonstrate understanding of chemical reactivity (2.6)	2	4	Ext	Y				Y	Y	Y	Y	Y	Y
91167	Demonstrate understanding of oxidation–reduction (2.7)	2	3	Int					Y	Y	Y		Y	Y
3 Chemistry – 3CHE														
91388	Demonstrate understanding of spectroscopic data in chemistry	3	3	Int				Y	Y	Y	Y		Y	
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances (3.4)	3	5	Ext	Y			Y	Y	Y	Y		Y	
91391	Demonstrate understanding of structure and reactivity of organic compounds (3.5)	3	5	Ext	Y			Y	Y	Y	Y	Y	Y	
91392	Demonstrate understanding of equilibrium principles in aqueous systems (3.6)	3	5	Ext	Y	Y		Y	Y	Y	Y		Y	
91393	Demonstrate understanding of oxidation-reduction processes (3.7)	3	3	Int				Y	Y	Y	Y		Y	

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
2 Physics - 2PHY														
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship (2.1)	2	4	Int	Y	Y			Y	Y			Y	Y
91170	Demonstrate an understanding of Waves (2.3)	2	4	Ext	Y	Y			Y	Y	Y		Y	Y
91171	Demonstrates an understanding of Mechanics (2.4)	2	6	Ext	Y	Y			Y	Y	Y		Y	Y
91172	Demonstrate an understanding of Atomic & Nuclear Physics (2.5)	2	3	Int	Y				Y	Y			Y	Y
91173	Demonstrate an understanding of DC electricity & electromagnetism (2.6)	2	6	Ext	Y	Y			Y	Y	Y		Y	Y
3 Physics - 3PHY														
91521	Carry out a physics investigation that leads to a mathematical relationship (3.1)	3	4	Int	Y			Y	Y				Y	
91523	Demonstrate an understanding of wave systems (3.3)	3	4	Ext	Y			Y	Y	Y	Y		Y	
91524	Demonstrate an understanding of Translational, Rotational and Simple Harmonic motions (3.4)	3	6	Ext	Y			Y	Y	Y	Y		Y	
91525	Demonstrate an understanding of Atoms, photons and Nuclei (3.5)	3	3	Int	Y			Y	Y	Y	Y		Y	
91526	Demonstrate an understanding of DC Circuits, Capacitance, electromagnetic Induction and AC circuits (3.6)	3	6	Ext	Y			Y	Y	Y	Y		Y	
2 Science - 2SCI														
91160	Investigate biological material at the microscopic level. (2.8)	2	3	Int							Y		Y	
91158	Investigate a pattern in an ecological community, with supervision.	2	4	Int	Y						Y			
91163	Demonstrate understanding of the chemistry used in the development of a current technology (2.3)	2	3	Int	Y				Y	Y	Y		Y	Y
91190	Investigate how organisms survive in an extreme environment. (2.4)	2	4	Int	Y				Y					
91161	Carry out quantitative analysis (2.1)	2	4	Int		Y			Y	Y	Y		Y	
91153	Carry out a practical investigation in a biology context, with supervision. (2.1)	2	4	Int		Y					Y			
3 Science - 3SCI														
91606	Demonstrate understanding of trends in human evolution (3.6)	3	4	Ext	Y			Y			Y			
91604	Demonstrate understanding of how an animal maintains a stable internal environment (3.4)	3	3	Int	Y			Y			Y		Y	
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue (3.2)	3	3	Int	Y			Y		Y	Y		Y	
91601	Carry out a practical investigation in a biological context, with guidance (3.1)	3	4	Int	Y	Y		Y		Y	Y		Y	
91415	Investigate an aspect of astronomy. (3.6)	3	4	Int	Y			Y	Y					

Technology Learning Area NCEA Assessments

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
Year 10 Design & Visual Communication – 10DVC														
91066	Use rendering techniques to communicate the form of design ideas (1.33)	1	3	Int					Y	Y	Y			Y
1 Design & Visual Communication – 1DVC														
91063	Produce freehand sketches to communicate own design ideas (1.30)	1	3	Ext					Y	Y	Y			Y
91064	Produce instrumental orthographic drawings (1.31)	1	3	Ext					Y	Y	Y			Y
91067	Use the work of an influential designer to inform own design ideas (1.34)	1	3	Int					Y	Y	Y			Y
91068	Demonstrate the development of a design idea communicated through graphics practice (1.35)	1	6	Int					Y	Y	Y			Y
91069	Promote Design work to an audience (1.36)	1	4	Int					Y	Y	Y			Y
2 Design & Visual Communication – 2DVC														
91337	Communicate design ideas using visual communication techniques (2.30)	2	3	Ext						Y	Y			
91340	Design in context- Study of a designer (2.33)	2	3	Int										
91341	Develop a spatial design through graphics practice (2.34)	2	6	Int						Y				
91342	Develop a product design through graphics practice (2.35)	2	6	Int						Y				
3 Design & Visual Communication – 3DVC														
91627	Initiate design ideas through exploration (3.30)	3	4	Ext					Y	Y	Y	Y		Y
91628	Develop a visual presentation that exhibits a design outcome to an audience (3.31)	3	6	Int					Y	Y	Y			Y
91629	Resolve a spatial design through graphics practice (3.32)	3	6	Int					Y	Y				Y
91630 (OPT)	Resolve a product design through graphics practice (3.33) (spatial/product)	3	6	Int										
Year 10 Digital Technology – 10DGT														
91072	Demonstrate understanding of basic concepts of digital media (1.42)	1	3	Int						Y	Y	Y		Y
1 Computer Science – 1COM														
91877	Develop a proposal for a digital outcome (1.1)	1	3	Int										Y
91878	Develop a design for a digital outcome (1.2)	1	3	Int						Y	Y	Y		
91880	Develop a digital media outcome (1.4)	1	4	Int					Y	Y	Y			Y
91047	undertake development to make a prototype to address a brief (1.4)	1	6	Int					Y	Y	Y			Y
91886	Demonstrate understanding of human computer interaction. (1.10)	1	3	Ext					Y	Y	Y	Y		Y
2 Computer Science – 2COM														
91354	Undertake brief development to address an issue (2.1)	2	4	Int					Y	Y	Y			
91370	Implement advanced procedures to produce a specified digital media outcome (2.43)	2	4	Int					Y	Y	Y	Y		

Number	Achievement Standard Title	Level	Credits	Method	Literacy	Numeracy	UE Literacy	UE Approved	Construction and Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community Services	Creative Arts
91356	Develop a conceptual design for an outcome	2	6	Int					Y		Y			
91357	Undertake effective development to make and trial a prototype (2.4)	2	6	Int							Y	Y		Y
91358	Demonstrate understanding of how technological modelling supports risk management (2.5)	2	3	Ext										
3 Computer Science – 3COM														
91610	Develop a conceptual design considering fitness for purpose in the broadest sense. (3.3)	3	6	Int					Y	Y	Y			Y
91611	Develop a prototype considering fitness for purpose in the broadest sense (3.4)	3	6	Int					Y	Y	Y			Y
91635	Implement complex procedures to produce a specified digital media outcome (3.43)	3	4	Int						Y			Y	Y
91633	Implement complex procedures to develop a relational database embedded in a specified digital outcome (3.41)	3	6	Int						Y	Y			
91612	Demonstrate understanding of how technological modelling supports technological development and implementation (3.5)	3	4	Ext					Y	Y	Y			
1 Design Technology – 1DET														
91046	Use design ideas to produce a conceptual design for an outcome to address a brief (1.3)	1	6	Int					Y	Y	Y			Y
91057	Implement basic procedures using resistant materials to make a specified product (1.20)	1	6	Int					Y	Y	Y			Y
91059	Demonstrate understanding of basic concepts used to make products from resistant materials (1.22)	1	4	Int					Y	Y	Y			Y
91048	Demonstrate understanding of how technological modelling supports decision making (1.5)	1	4	Ext					Y	Y	Y			
2 Design Technology – 2DET														
91356	Develop a conceptual design for an outcome (2.3)	2	6	Int					Y	Y	Y			
91357	Undertake effective development to make and trial a prototype (2.4)	2	6	Int					Y		Y			Y
91344	Implement advanced procedures using resistant materials to make a specified product. (2.20)	2	6	Int										Y
91359	Demonstrate understanding of the role of material evaluation in product development (2.6)	2	4	Ext					Y	Y	Y			Y
3 Design Technology – 3DET														
91610	Develop a conceptual design considering 'fitness for purpose in its broadest sense (3.3)	3	6	Int					Y	Y	Y			Y
91611	Develop a prototype considering 'fitness for purpose in its broadest sense (3.4)	3	6	Int					Y	Y	Y			Y
91613	Demonstrate understanding of material development (3.6)	3	4	Ext					Y	Y	Y			Y
91620	Implement complex procedures to integrate parts using resistant materials to make a specified product (3.20)	3	6	Int					Y	Y				Y
1 Textiles Technology – 1TXT														
91047	Undertake development to make a prototype to address a brief (1.4)	1	6	Int					Y	Y	Y			Y
91049	Demonstrate an understanding of how materials enable technological products to function (1.6)	1	4	Ext					Y	Y	Y			Y

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