#### Field Sciences

#### Review of Home and Life Sciences Level 2 achievement and unit standards

#### **Unit standards**

Subfield	Domain	ID			
Home and Life Sciences	Family, Community and Society Studies	6659, 6661-6664, 6670			
	Food Technology and Nutrition	6632, 6640, 6641, 6643-6646, 6651, 15619, 15621, 15626			
	NUTRITION	6651, 15619, 15621, 15626			

#### Achievement standards

Domain	ld	Subject reference
Family, Community and	90241	Home Economics 2.5
Society Studies	90242	Home Economics 2.6
Food Technology and	90243	Home Economics 2.1
Nutrition	90244	Home Economics 2.2
	90245	Home Economics 2.3
	90246	Home Economics 2.4

The Ministry of Education and NZQA National Qualifications Services (NQS) have completed a review of the achievement and unit standards listed above.

New Registration date	November 2011
Date new versions published	November 2011
Planned review date	December 2014

#### Summary of review and consultation process

In 2008 the Ministry of Education (MoE) and NZQA began to review achievement and unit standards in light of the revised New Zealand Curriculum (NZC). This Alignment of Standards (AoS) review also addressed duplication of outcomes, credit parity, fairness, consistency, and coherence. The AoS review was guided by the revised NZC itself and the Standards Review Guidelines. A copy of the NZC is available at: <a href="http://nzcurriculum.tki.org.nz/Curriculum-documents/The-New-Zealand-Curriculum">http://nzcurriculum.tki.org.nz/Curriculum-documents/The-New-Zealand-Curriculum</a>.

Teacher subject associations were involved in the review, and draft achievement standards were the focus of wide consultation, especially with secondary schools and teachers. Extensive resources, including student exemplars, were also developed to support these standards, and are available on the MoE and/or the NZQA websites.

The review of unit standards included consultation with tertiary providers to assess continued relevance and likely future use of the standards. Unit standards that duplicate achievement standard outcomes and those without the likelihood of future tertiary use were recommended for expiry.

National consultation was undertaken in 2010, with the results analysed by Research New Zealand. The responses were generally positive.

The review of these Level 2 unit and achievement standards was completed in time for implementation in schools in 2012. The review of unit and achievement standards at Level 1 was completed in time for implementation in schools in 2011. Standards at Level 3 will be implemented in 2013.

#### Main changes resulting from the review

- All NZC Level 7 (NZQF Level 2) outcomes derived from the NZC are now assessed using achievement standards, and there are no longer any unit standards linked to the NZC.
- Existing achievement standards were reviewed and new achievement standards were developed to align with the NZC. See <u>table</u> below.
- Grading criteria for achievement standards were reviewed in accordance with the Standards Review Guidelines.
- Unit standards that recognised similar outcomes as achievement standards were recommended for expiry. See <u>table</u> below.
- Unit standard 6632 is listed in three Early Childhood Education qualifications including the National Certificate in Pacific Islands Early Childhood Education (Level 4) [Ref: 1269]. This qualification is not due for review until 2014. The expiry date for unit standard has therefore been set at 2016 to allow for the review to be completed.

For a more detailed description of the review of, and the changes to, the Health and Home and Life Sciences standards see the appendix at the end of this report.

Current consent for			Consent extended to			
Nature of	ID	Level	Nature of	ID	Level	
consent			consent			
Field	Sciences	2+	Standards	91299, 91301, 91302, 91303, 91304	2	
Subfield	Home and Life Sciences	2+	Standards	91299, 91301, 91302,91303, 91304	2	
Domain	Family, Community and Society Studies	2+	Standard	91303	2	
Domain	Food Technology and Nutrition	2+	Standards	91299, 91301, 91302, 91304	2	

#### Impact on existing organisations with consent to assess

#### Impact on Consent and Moderation Requirements (CMR)

(Formerly known as AMAP)

The new achievement standards have been registered on CMR 0233.

Key to type of impact				
Affected The qualification lists a reviewed classification (domain or subfield) in an elective set				
The qualification lists a standard that has changes to level or credits				
	The qualification lists a C or D category standard			
Not materially affected The qualification lists a standard that has a new title				
	The qualification lists a standard that has a new classification			

# Impact on registered qualifications

The following NQS qualifications are impacted by the outcome of this review and will be updated when they are reviewed in 2011 and 2014. The standards that generated the status *Affected* are listed in below.

Ref	Qualification Title	ID
0403	National Certificate in Early Childhood Education and Care (Level 3)	6632
0430	National Certificate in Early Childhood Education and Care (Level 5)	6632
1269	National Certificate in Pacific Islands Early Childhood Education	6632
	(Level 4)	

## Impact of changes on NCEA Exclusions List

For transition purposes, the following exclusions will apply for new achievement standards.

New Achievement standards	Excluded against each of these standards
91303	90242
91299, 91301	90243, 90244, 90245
91304	90246

#### Review Categories and changes to classification, title, level, and credits

The following summary shows the changes made to the standards as a result of the review. All changes are in **bold**. Where a new or a new version of an externally assessed achievement standard is registered, the following designation appears after the title **[Externally Assessed]**.

K	Key to review category					
Α	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new					
	version number					

- **B** Changes made, but the overall outcome remains the same the new version of the standard carries the same ID and a new version number
- C Major changes that necessitate the registration of a replacement achievement standard with a new ID
- D Achievement standard will expire and not be replaced

Externally assessed achievement standards categorised as	December 2011
category C or D expire at the end of	

Internally assessed achievement standards categorised as December 2012 category C expire at the end of

Unit standards categorised as category D – except 6632 –expire December 2012 at the end of

Unit standard 6632, categorised as category D, expires at the	December 2016	
end of		

ID	Title	Level	Credit	Review Category
6659	Prepare for an emergency in a living environment	2	3	D
6660	Investigate low cost clothing options	3	4	D
6661	Describe the changing social needs of the family and the human resources required to meet them	2	4	D
6662	Investigate and demonstrate a creative skill	2	5	D
6663	Complete a study of societal influences on housing	2	4	D
6664	Design and make an item for a living environment	2	6	D
6670	Provide short term care for a child	2	4	D
90241	Examine the impact of the living environment on hauora/well-being	2	4	D

Sciences > Home and Life Sciences > Family, Community and Society Studies

#### Sciences > Home and Life Sciences > Family, Community and Society Studies Humanities > Health and Physical Education > Home Economics

ID	Title	Level	Credit	Review Category
90242	Examine care provision for a nominated group	2	4	С
91303	Analyse practices to enhance well-being used	2	5	
	in care provision in the community			

## Sciences > Home and Life Sciences > Food Technology and Nutrition (Expiring)

ID	Title	Level	Credit	Review Category
6632	Apply knowledge of age-related nutrition needs in providing food for a child	2	5	D
6640	Describe and prepare locally available food	2	5	D
6641	Provide nutritious food for a family	2	6	D
6643	Apply knowledge of age-related nutrition needs in providing food for a toddler	2	5	D
6644	Provide nutritious food for a vegetarian	2	6	D
6645	Provide nutritious low cost food for a family	2	6	D
6646	Develop a food product	2	5	D
6651	Preserve foods for the family	2	6	D
15619	Apply knowledge of age-related nutrition needs in providing food for an adult or older person	2	5	D
15621	Develop, with guidance, and apply an evaluation for an activity in Food Technology or Nutrition	2	2	D
15626	Demonstrate use of multi-function equipment in meal preparation	2	4	D

# Sciences > Home and Life Sciences > Food Technology and Nutrition Humanities > Health and Physical Education > Home Economics

ID	Title	Level	Credit	Review Category
90243	Explore a nutritional concern for a targeted group	2	4	Category
				-
90244	Describe beliefs and practices associated with vegetarianism	2	4	С
90245	Examine the nutritional considerations of people with high energy needs	2	4	С
91299	Analyse issues related to the provision of	2	5	
	food for people with specific food needs			
91301	Analyse beliefs, attitudes and practices	2	5	
	related to a nutritional issue for families in			
	New Zealand			
90246	Examine New Zealand food choices and eating	2	4	С
	patterns			
91304	Evaluate health promoting strategies	2	4	
	designed to address a nutritional need			
	[Externally Assessed]			

# Humanities > Health and Physical Education > Home Economics

ID	Title	Level	Credit	Review Category
91300	Analyse the relationship between well-being, food choices and determinants of health [Externally Assessed]	2	4	New
91302	Evaluate sustainable food related practices.	2	5	New

# Appendix

# **Development of L2 Standards**

# Process of Aligning Standards with the New Zealand Curriculum

There have been few changes to the outcomes in the Health & Physical Education learning area between the development of the *Health & Physical Education in the New Zealand Curriculum* (1999) document and *The New Zealand Curriculum* (2007).

The standards have been reviewed and, where necessary, amended or replaced. Standards have been amended to reflect the socio-ecological perspective of the *Home Economics* outcomes in the curriculum.

Six new standards have been created. This does not result from large changes in the curriculum but from the change in the structure of the standards themselves. The standards have been reworked so that there is now a single criterion at each grade level. This is in line with recommendations in the Principles for Standards Review.

# **Addressing Duplication**

The recommendation to expire the *Home and Life Sciences* unit standards used at this level has eliminated any potential duplication issues.

# Addressing Credit Parity

The credit rating of each standard has been reviewed in line with the guidelines of one credit representing 10 notional hours of learning.

# **External and Internal Assessment**

The balance of internally and externally-assessed standards is similar to that in the previous matrix.

# What has changed?

2.1 AS91299 Analyse issues related to the provision of food for people with specific food needs

- This new standard provides the scope for a range of diverse food needs to be studied.
- The adoption of a socio-ecological perspective is inherent in the standard.
- Practical food preparation could provide valuable assessment evidence towards this standard.

2.2 AS91300	Analyse the relationship between well-being, food choices and
	determinants of health

• This new standard has a clear focus on building understanding of the determinants of health, the knowledge of which underpins much of the learning in Home Economics at Levels 2 and 3.

# 2.3 AS91301 Analyse beliefs, attitudes and practices related to a nutritional issue for families in New Zealand.

- This new standard has a clear focus on building understanding of beliefs, attitudes and practices, the knowledge of which underpins much of the learning in Home Economics at Levels 2 and 3.
- Practical food preparation could provide valuable assessment evidence towards this standard.

# 2.4 AS91302 Evaluate sustainable food related practices

- This new standard is designed to build knowledge in the area of globalisation in preparation for Level 3 *Home Economics*.
- Practical food preparation and preservation could provide valuable assessment evidence towards this standard.

• This new standard has been rewritten to better reflect the intent of the curriculum.

- This new external standard intends to empower students to make discerning judgements about the effectiveness of different modes of health promotion.
- Assessment is resource-based.

<sup>2.5</sup> AS91303 Analyse practices to enhance well-being used in care provision in the community

<sup>2.6</sup> AS91304 Evaluate health promoting strategies designed to address a nutritional need