## THE RED CATEGORY

NOT RECOMMENDED ON THE CANTEEN MENU



- Low in nutritional value
- May contain excess energy, saturated fat, salt and sugar
- Should not be sold in a healthy school canteen



## THE RED CATEGORY



 Sugar sweetened drinks, soft drinks, fruit drinks, iced tea cordial, sports drinks, sports waters, flavoured mineral waters and energy drinks

 Intense (artificially) sweetened foods and drinks with the exception of milk, yoghurt and custard

 Products containing guarana or added caffeine.
 Coffee-style milk drinks may be sold in secondary school. Maximum 375mL serve size

- Fruit/vegetable juice, less than 99% juice, added sugar, greater than 250mL serve size
- Jelly desserts and ice crushes/slushies, less than 99% fruit, added sugar, greater than 200mL serve size
- Icy-poles and fruit ice blocks, less than 99% juice, added sugar, greater than 125mL serve size



## THE RED CATEGORY

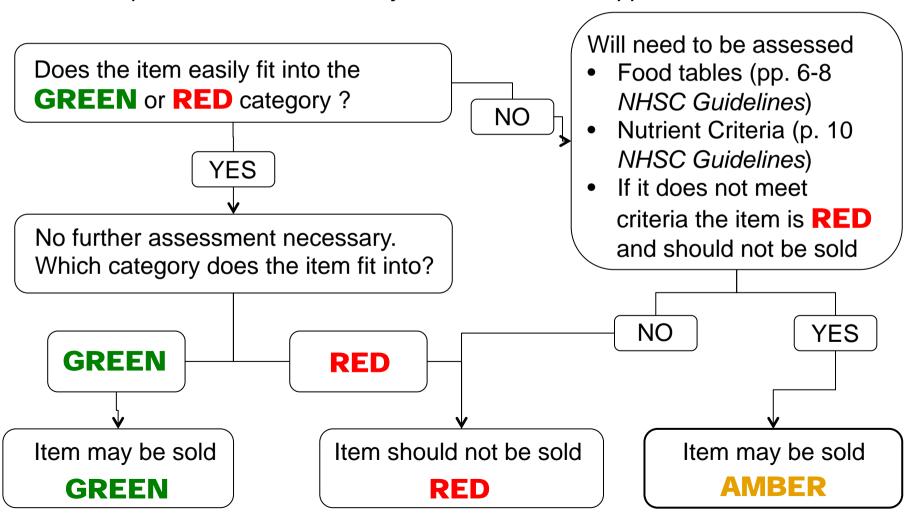


- Iced cakes and slices, doughnuts, Danishes, croissants, cream-filled buns/cakes
- All types: sold separately or added to products including; boiled lollies, carob, chocolate (including; boiled lollies, carob, chocolate (including choc chips and chocolate-coated), chocolate spreads, cough lollies, 100s and 1000s, juice jellies, icing, liquorice, soft lollies, yoghurt/carob-coated
- Deep-fried foods
- Cream, coconut cream, coconut milk, butter, copha, ghee and lard

# DECIDING IF A FOOD OR DRINK MAY BE SOLD



START – p.9 Guidelines for healthy foods and drinks supplied in school canteens



## NUTRIENT CRITERIA TABLES



Table 1: Hot food items and processed meats assessed per 100g					
Category	Nutrient Criteria				
	Energy (kJ) per 100g	Saturated fat (g) per 100g	Sodium (mg) per 100g		
Savoury pastries, filled breads, pasta dishes, pizzas, oven-baked potato products, dim sims, spring rolls, rice and noodle dishes	1000kJ or less	5g or less	400mg or less		
Meat products and alternatives crumbed and not-crumbed (burgers, patties, strips, balls or nuggets), sausages, frankfurts and saveloys, stews, casseroles and curries	1000kJ or less	5g or less	450mg or less		
Processed luncheon meats (fritz, devon, chicken loaf, free flow chicken products) and cured meats (for example: ham, bacon)	1000kJ or less	5g or less	750mg or less		

Table 2: Snack food items assessed per serve						
Category	Nutrient Criteria					
	Energy (kJ) per serve	Saturated fat (g) per serve	Sodium (mg) Per serve	Fibre (g) per serve		
Sweet snack food, bars and biscuits	600kJ or less	3g or less	-	1g or more		
Savoury snack food, biscuits, crispbreads and	600kJ or less	2g or less	200mg or less	-		
crisps		(Energy must be 18	00kJ or less per 100g)			
Ice creams, milk-based ices and dairy desserts	600kJ or less	3g or less	-	-		
		(Milk must be liste	ed as first ingredient)			
Un-iced cakes, muffins and sweet pastries	900kJ or less	3g or less	-	1.5g or more		

# HOW TO APPLY THE GUIDELINES



#### STEP 1

Using the tables in the NHSC Guidelines (pp 6-8), sort the foods and drinks on the next slide into 4 groups:

- 1. Items categorised as **GREEN**
- 2. Items categorised as **RED**
- 3. Items categorised as **AMBER**
- 4. Items you are 'not sure' about.

  These will need to be assessed using the food and drink tables and if necessary the nutrient criteria



# SAMPLE MENU Sorting Foods



**AMBER** 

RED

GREEN

**GREEN** 

RED

**AMBER** 

RED

**GREEN** 

RED

**NOT SURE** 

RED

**NOT SURE** 

**GREEN** 

**NOT SURE** 

**NOT SURE** 

**GREEN** 

**NOT SURE** 

**NOT SURE** 

**NOT SURE** 

**GREEN** 

**NOT SURE** 

# ACTIVITY - HOW TO APPLY THE GUIDELINES



#### STEP 2

Using the Nutrient Criteria Tables, assess the foods you are not sure about and determine whether these foods are categorised as **AMBER** or **RED** 

- The food is categorised as AMBER if all the values for:
  - energy, saturated fat and sodium (if applicable) are lower than the recommended value
  - and fibre is higher (if applicable)
- The food is categorised as RED if one or more of the values for:
  - energy, saturated fat and sodium (if applicable) is higher than the recommended value
  - **or** fibre is lower (if applicable)

#### NUTRIENT CRITERIA



#### There are 2 tables for assessing **AMBER** foods

- 1. Table 1 (NHSC Guidelines, p.10)
- Assess hot food items and processed meats
- All foods in this category are assessed per 100g
- If one criterion not met item is categorised as RED

Table 1: Hot food items and processed meats assessed per 100g					
Category	Nutrient Criteria				
	Energy (kJ) per 100g	Saturated fat (g) per 100g	Sodium (mg) per 100g		
Savoury pastries, filled breads, pasta dishes, pizzas, oven-baked potato products, dim sims, spring rolls, rice and noodle dishes	1000kJ or less	5g or less	400mg or less		
Meat products and alternatives crumbed and not-crumbed (burgers, patties, strips, balls or nuggets), sausages, frankfurts and saveloys, stews, casseroles and curries	1000kJ or less	5g or less	450mg or less		
Processed luncheon meats (fritz, devon, chicken loaf, free flow chicken products) and cured meats (for example: ham, bacon)	1000kJ or less	5g or less	750mg or less		

#### **NUTRIENT CRITERIA**



- 1. Table 2 (NHSC Guidelines, p.10)
- Assess snack foods.
- All foods in this category are assessed per serve
- If one criterion not met item is categorised as RED

Table 2: Snack food items assessed per serve					
Category	Nutrient Criteria				
	Energy (kJ) per serve	Saturated fat (g) per serve	Sodium (mg) Per serve	Fibre (g) per serve	
Sweet snack food, bars and biscuits	600kJ or less	3g or less	-	1g or more	
Savoury snack food, biscuits, crispbreads and	600kJ or less	2g or less	200mg or less	-	
crisps		(Energy must be 18	00kJ or less per 100g)		
Ice creams, milk-based ices and dairy desserts	600kJ or less	3g or less	-	-	
		(Milk must be liste	ed as first ingredient)		
Un-iced cakes, muffins and sweet pastries	900kJ or less	3g or less	-	1.5g or more	

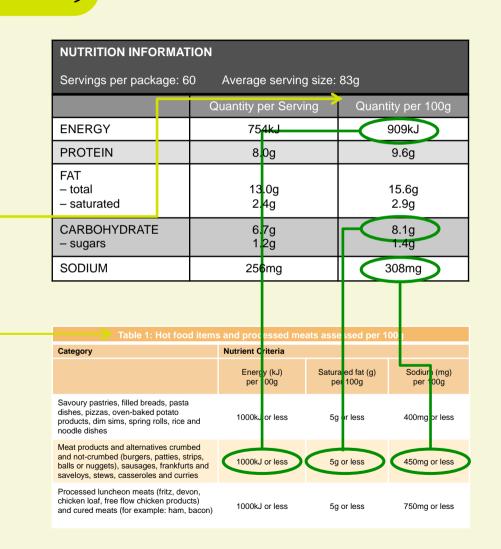
#### **EXAMPLE**

## (NHSC Guidelines, page 12)



#### **Crumbed chicken patty**

- 1. Identify the correct food table.
- 2. Find the 100g column
- 3. Compare the 100g serve size to criteria

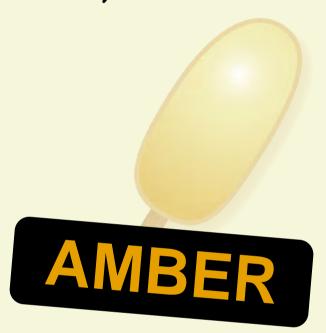






Reduced-fat Milk					
Servings per package: 1 Average serving size: 250g					
	Quantity per Serving	Quantity per 100g			
ENERGY	500kJ	263kJ			
PROTEIN	10.0g	3.9g			
FAT – total – saturated	2.5g 1.3g	1.0g 0.5g			
CARBOHYDRATE - sugars	15g 14.8g	6.0g 5.9g			
SODIUM	135mg	54mg			





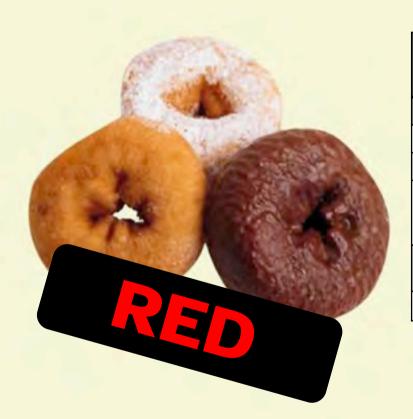
Banana flavoured milk-based ice					
Ingredients: Reconstituted skim milk (70%), cane sugar, glucose syrup, vegetable oil, milk solids, maltodextrin, gelatine, emulsifier (471), flavours, colours (160b, 100)					
Servings per package: 8 Average serving size: 68g					
	Quantity per Serving Quantity per 100g				
ENERGY		462kJ	680	kJ	
PROTEIN		2.3g	3.4	lg	
FAT – total – saturated		3.6g 1.8g	5.3g 2.7g		
CARBOHYDRATE - sugars	16.9g 13.4g		24.8g 19.7g		
SODIUM		31mg	46n	ng	
	Table 2: Snacl	k food items assessed	ner serve		
Category	Tuble 1 . Grade		t Criteria		
	Ener(y (kJ) per erve	Saturated fat (g) per serve	Sodium (mg) Per serve	Fibre (g) per serve	
Sweet snack food, bars and biscuits	600kJ or less	3g oʻless	-	1g or more	
Savoury snack food, biscuits, crispbreads and	600kJ or less	2g o' less	200mg or less	-	
crisps  Ice creams, milk-based	(Energy hust be 1800kJ or less per 100g) 600kJ or less 3				
ices and dairy desserts	COUNT OF 1855		- d as first ingredient)	-	
Un-iced cakes, muffins and sweet pastries	900kJ or less	3g or less	-	1.5g or more	





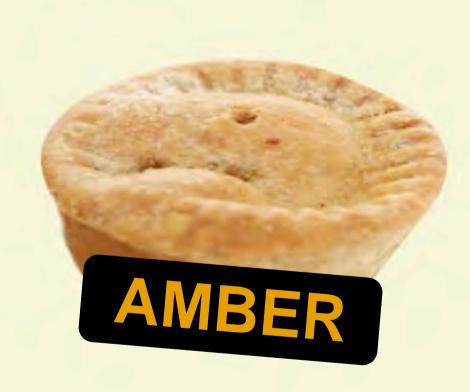
Fruit and Muesli Bre	akfast	Bar					
Servings per package: 12 Average serving size: 13.3g							
		Quanti	ty per Serving		Quantity per 100g		
ENERGY			770kJ		171	0kJ	
PROTEIN			3.7g		8.	3g	
FAT – total – saturated			6.9g 0.7g			.3g 6g	
CARBOHYDRATE – sugars		24.4g 9.0g			54.3g 19.9g		
FIBRE		4.3g		$\dashv$	0.6g		
SODIUM		14mg			30mg		
	Table 2	: Snack f	iood items assessed	per s	erve		
Category			Nutrien	t Crit	oria		
	Energ per s		Saturated fat (g) per serve	S	odium (mg) Per serve		e (g) serve
Sweet snack food, bars and biscuits	600kJ	or less	3g or less			1g o	r more
Savoury snack food, biscuits, crispbreads and	600kJ	600kJ or less 2g or less 2		20	00mg or less		-
crisps			(Energy must be 180	OOkJ o	or less per 100g)		
Ice creams, milk-based ices and dairy desserts	600kJ	or less	3g or less(Milk must be liste	d as f	- irst ingredient\		-
Un-iced cakes, muffins and sweet pastries	900kJ	or less	3g or less	uo I	-	1.5g d	or more





Doughnuts						
Servings per package: 6 Average serving size: 40g						
	Quantity per Serving	Quantity per 100g				
ENERGY	951kJ	1510kJ				
PROTEIN	2.9g	4.6g				
FAT - total - saturated	7.9g 3.8g	12.5g 6g				
CARBOHYDRATE - sugars	35.3g 19.9g	56g 31.6g				
SODIUM	289mg	458mg				





Meat Pie							
Servings per package	: 60	Aver	age ser	ving s	ize: 83g	j	
	Qua	antity p	er Servi	ing 🗲	Quanti	ity per 1	00g
ENERGY		160	0kJ		-~~~	390kJ	
PROTEIN		15.	0g			8.4g	
FAT – total – saturated		15. 7.4				8.5g 4.1g	
CARBOHYDRATE – sugars		43. <1			:	24.3g <1g	
SODIUM		418	mg		2	232mg	
Table 1: Hot fo	od items	s and proc	essed me	eats asse	essed per	100a	
Category		Nutrient C					
			y (kJ) 00g		ated fat (g) er 100g	Sodiu per	n (mg) 100g
Savoury pastries, filled breads, pass dishes, pizzas, oven-baked potato products, dim sims, spring rolls, rice noodle dishes		1000k	J or less	5g	or less	400mg	g or less
Meat products and alternatives crur and not-crumbed (burgers, patties, balls or nuggets), sausages, frankfu saveloys, stews, casseroles and cu	strips, urts and		J or less	5g	or less	450mg	j or less
Processed luncheon meats (fritz, de chicken loaf, free flow chicken prod and cured meats (for example: ham	ucts)	1000k	J or less	<b>5</b> g	or less	750mg	j or less

### **ACTIVITY**



(Workbook, P.14)

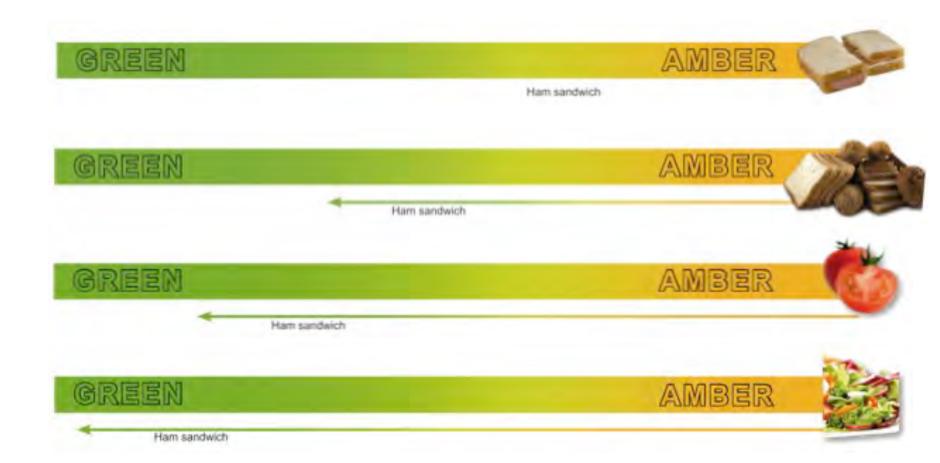
Look at the nutrition information panels provided.

Do these examples meet the NHSC AMBER nutrient criteria?

Should they be sold through the canteen?

# MOVING AMBER FOODS TOWARDS THE GREEN END OF THE SPECTRUM





# MOVING AMBER FOODS TOWARDS THE GREEN END OF THE SPECTRUM



#### STEP 3

AMBER foods and drinks can be made healthier and moved towards the 'GREEN' end of the spectrum by:

- Serving main meal items with salad or vegetables (and a lean protein source where appropriate)
- Serving snack foods with fruit and vegetables where possible
  - dips with vegetable sticks
  - reduced-fat custard with fruit
- Keeping the serve size small
- Serving with a small amount of low or reduced-fat or low or reduced-salt condiments (if any are to be used at all)
- Comparing products using information on labels
- Choosing healthier alternatives where possible (Table 3).

# MAKING A HEALTHIER CHOICE



Canned tomato, vegetable and pasta soup

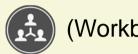


Tomato, vegetable and pasta soup						
Servings per package: 2 Average serving size: 250g						
	Quan	tity per Serving	Quantity	y per 100g		
ENERGY		392kJ	1	57kJ		
PROTEIN		4.5g	1	1.8g		
FAT – total – saturated	0.5g ~0.1g			).2a 0.1g		
CARBOHYDRATE – sugars	17.5g 4.0g			7.0g 1.6g		
SODIUM		725mg	29	90mg		

Table :	3: Health er cho	oices assessed p			
Category		Nutrier	Nutrient Criteria		
	Saturated fat (g) per 100g	Sodiu n (mg) per 100g	Fibre (g) per 100g	Sugar (mg) per 100g	
Breakfast cereals not containing dried fruit	2g o less	-	5g or more	20g or less	
Breakfast cereals containing dried fruit	2g or less		5g or more	20g or less	
Pasta sauces and simmer sauces	2g or less	300mg or less	-	-	
Soups as prepared ready-to-eat (condensed, instant)	2g or less	300mg or less	-	-	
Dips (legume, dairy, vegetable or salsa)	2g or less	75mg or less	-	_	
Mayonnaise and salad dressings	2g or less	750mg or less	-	-	

### **ACTIVITY**





(Workbook, P.14)

Look at the nutrition information panels provided.

Do these examples meet the 'making a healthier choice' nutrient criteria?

# MOVING AMBER FOODS TOWARDS THE GREEN END OF THE SPECTRUM



Using the examples below, 'GREEN' these AMBER menu items. (Workbook, P.14)

#### **Meals**

- Hamburger
- Lasagne
- Tomato soup and bread roll
- Pizza
- Sushi





#### **Snacks**

- Muffins /slices
- Reduced-fat ice cream
- Garlic bread





# MOVING AMBER FOODS TOWARDS THE GREEN END OF THE SPECTRUM



#### **Group Discussion**

How can you reduce the sodium content of dishes? (Workbook, P.14)



# FOOD PREPARATION AND COOKING METHODS



- Trim visible fat
- Fresh, undamaged fruit and vegetables
- Minimise vitamin C loss
- Steaming
- Frying/stir frying
- Baking/roasting
- Microwaving



#### **EXAMPLE MENU**



How do you incorporate variety into your canteen menu?

How can students be included in decisions regarding the school canteen menu?

(Workbook, pp. 15-161))



# SCHOOL CANTEEN MENU

#### Sandwiches

Cheese	\$2.00
Egg & lettuce	\$2.50
Tuna	\$2.50
Ham	\$3.00
Roast chicken	\$3.00
Rainbow Carrot, beetroot, capsicum, let	\$3.00 tuce and tomato
Salad + meat Ham, chicken, tuna	\$4.00

Mini Salad Tub	\$1.50
Mini Salad Tub	31 50
THE PERSON NAMED IN	 

NHSC Wrap	\$4.00
Tortilla with salad plus your choice	e of Chicken.
Ham or Tuna with avocado, hom	

#### Snacks

Rice Cakes BBQ or Chicken	\$1.00	
Popcom BBQ, Chicken or Plain	\$1.00	
100% Fruit Juice Jelly Cup	\$0.60	
Cheese & Crackers	\$1.20	
100% Fruit Straps	\$0.60	
Raisin Toast	\$2 00	
Low-fat Yoghurt Vanilla, Apricot or Strawberry	\$1.50	

#### Drinks

Plain Milk (300mL)	\$1.00
Light Flavoured Milk. 300mL Chocolate or Strawberry	\$1,60
Water 400mL	\$1.20
Juice - 100% Apple Blackcurrant Apple, Crange	\$1.20

#### DAILY SPECIALS

#### MONDAY

Grilled chicken burger with salad \$4.00 Chicken pattle, lettuce & light mayo Vegle pattle, lettuce, tomato & sauce

Sushi	TUESDAY	\$2.70
1000	Chicken or Vegetable	-

#### WEDNESDAY Vegie pasta bake \$3.50

## THURSDAY Baked potato & savoury mince \$3.50

FRIDAY
Hokkien noodle stir-fry \$3.00

# SPECIAL DIETARY AND CULTURAL NEEDS





#### SPECIAL DIETARY NEEDS



#### **Food Allergies**

An immune response to **protein** found in common foods

- Any amount will cause a reaction
- Reaction usually occurs within 30 minutes and can be life threatening (anaphylaxis)
- Epi-pen and action plan signed by doctor
- Strict avoidance is extremely important

#### **Food intolerance**

Sensitivity to the chemicals found in food

- Naturally occurring or added in manufacturing
- Small amounts may be tolerated
- Reaction can take several days to appear
- Diet modified to keep intake below threshold tolerated

### SPECIAL DIETARY NEEDS



#### Most common food (protein) allergens:

- Peanuts (1 in 50 children)
- Tree nuts (for example; cashews, walnuts)
- Shellfish and fish
- Milk
- Eggs
- Sesame
- Soy
- Wheat



#### SPECIAL DIETARY NEEDS



#### Coeliac disease - gluten intolerance

- 1 in 100 people
- Products containing wheat, oats, rye, barley and triticale
- Damages the lining of the gut
- Impairs ability to absorb nutrients
- Cross-contamination
- Strict avoidance is extremely important

#### Lactose intolerance

- The 'sugar' found in milk
- Lack of the enzyme 'lactase'
- Small amounts may be tolerated
- 5% Caucasian and up to 75% non-Caucasian living in Australia
- Diet modified to keep intake below threshold tolerated

# SPECIAL DIETARY NEEDS Role of the school canteen





What do you think the role of the school canteen is in regards to special dietary needs?

(Workbook, p.17)

# SPECIAL DIETARY NEEDS Role of the school canteen



Be aware of and adhere to any school policies.

For example, remove products containing nuts.

You may choose to stock certain foods if practical and if there is sufficient demand.

 For example, use soy milk as an alternative to regular milk.

There is no clear role of the canteen or the canteen manager beyond these steps.

# ACKNOWLEDGING CULTURAL DIFFERENCES

1

How many different cultures are represented at your school?

Does your canteen menu cater for different cultures? Why should you do this? (Workbook, p.17)



## CULTURAL AND RELIGIOUS NEEDS



#### **Cultural needs**

- Indigenous Australians and Torres Straight Islanders
- Asian
- Indian
- Middle Eastern
- South European
- African

#### **Religious needs**

- Buddhism
- Hinduism
- Islamic
- Judaism
- Christianity



# CATERING FOR CULTURAL AND RELIGIOUS NEEDS



In schools with large ethnic populations

 Have 1 or 2 culturally appropriate items/dishes on the menu where possible

In schools with smaller numbers of culturally diverse groups

- Have special 'ethnic' days
- Recognise and honour other cultures
- For example: Asian, Indian, Middle Eastern and South European

What foods could you cook on these days? (Workbook, p.17)

# LOOKING AFTER OUR PLANET



Wherever possible, use seasonal produce Support local producers School gardens

 Stephanie Alexander Kitchen Garden Foundation <a href="http://www.kitchengardenfoundation.org.au">http://www.kitchengardenfoundation.org.au</a>

Where the range of fresh foods is insufficient, use frozen and canned produce.



#### **SUMMARY**



#### Basic understanding of:

- Nutrition
- The nutritional basis of the NHSC Guidelines

#### How to apply the NHSC Guidelines using:

- General principles of healthy eating
- Food label reading skills

#### Materials to take away:

- Guidelines for healthy foods and drinks supplied in school canteens
- Quick Reference
- Poster (Healthy kids need healthy canteens!)
- Food Safety Fact Sheet
- The Australian Guide to Healthy Eating poster
- Healthy Eating for Children brochure

#### **FURTHER STUDY**



#### Workplace Implementation Project

- Website links for further reading
- Nutritional Panel Calculator
- Costing tool

#### Statement of Attainment

Issued by Registered Training Provider

- SITHCCC035A
  Develop menus to meet special dietary and cultural needs
  - Cert III in Hospitality(Catering Operations), (Commercial Cookery)
  - Cert IV in Hospitality (Commercial Cookery)

Training.gov.au (TGA) database on Vocational Education and Training (VET) in Australia

http://www.training.gov.au

Additional information on the 2013 Australian Dietary Guidelines: www.eatforhealth.gov.au



# **Thank You**

# **QUESTIONS?**