



**‘Feeding young children aged 1 to 5 years’**  
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**Annex 3**

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# Annex 3: Details of literature search

**Table A3.1 Details of literature search of online databases**

Search category	Embase	Medline	Cochrane	Food Science Technology Abstracts	Scopus
Population	exp *child/	*Child, Preschool/	*Child, Preschool/	DE "CHILDREN"	
Population	child* or infant* or pre?school* or baby or babies or toddler* or month* or aged	child* or infant* or pre?school* or baby or babies or toddler* or month* or aged	child* or infant* or pre?school* or baby or babies or toddler* or month* or aged		child* or infant* or pre?school* or baby or babies or toddler* or month* or aged
Intervention				DE "DIET" OR DE "NUTRIENT REQUIREMENTS" OR DE "FUNCTIONAL FOODS" OR DE "INFANT FOODS" OR DE "NUTRIENTS"	

Search category	Embase	Medline	Cochrane	Food Science Technology Abstracts	Scopus
Intervention	exp *feeding behavior/	*Feeding Behavior/	*Feeding Behavior/	DE "INFANT FEEDING PRACTICES" OR DE "BREAST FEEDING" OR DE "WEANING" OR DE "EATING HABITS" OR DE "FASTING" OR DE "FOOD NEOPHOBIA" OR DE "FOOD PORTIONS" OR DE "HEALTHY EATING" OR DE "SNACKING"	
Intervention	*meal/	exp *Meals/	exp *Meals/	DE "PROCESSED FOODS" OR DE "BREAKFAST" OR DE "DINNERS" OR DE "LUNCHESES" OR DE "PREPARED MEALS" OR DE "READY MEALS" OR DE "SCHOOL MEALS"	
Intervention	diet* or fe?d* or wean* or eat* or food* or meal* or drink* or beverag*	diet* or fe?d* or wean* or eat* or food* or meal* or drink* or beverag*	diet* or fe?d* or wean* or eat* or food* or meal* or drink* or beverag*	DE "BEVERAGES"	diet* or fe?d* or wean* or eat* or food* or meal* or drink* or beverag*

<b>Search category</b>	<b>Embase</b>	<b>Medline</b>	<b>Cochrane</b>	<b>Food Science Technology Abstracts</b>	<b>Scopus</b>
				DE "MACRONUTRIENTS"	
Intervention	macro?nutrient* or micro?nutrient*	macro?nutrient* or micro?nutrient*	macro?nutrient* or micro?nutrient*		macro?nutrient* or micro?nutrient*
Intervention				DE "MICRONUTRIENTS" OR DE "MICRONUTRIENT STATUS"	
Intervention	exp *carbohydrate intake/	exp *Dietary Carbohydrates/	exp *Dietary Carbohydrates/	DE "CARBOHYDRATES"	

Search category	Embase	Medline	Cochrane	Food Science Technology Abstracts	Scopus
Intervention	exp *fat intake/	exp *Dietary Fats/	exp *Dietary Fats/	DE "FATS" OR DE "COOKING FATS" OR DE "FAT SUBSTITUTES" OR DE "FATS ANIMAL" OR DE "FATS HIGH DIET" OR DE "FATS LOW DIET" OR DE "FATS LOW FOODS" OR DE "FATS VEGETABLE" OR DE "POLYUNSATURATED FATS" OR DE "SATURATED FATS" OR DE "SHORTENINGS" OR DE "UNSATURATED FATS"	
Intervention	*protein intake/	exp *dietary proteins/	exp *dietary proteins/	DE "PROTEINS HIGH DIET" OR DE "PROTEINS HIGH FOODS" OR DE "PROTEINS LOW DIET" OR DE "PROTEINS VEGETABLE" OR DE "PROTEIN PRODUCTS"	

<b>Search category</b>	<b>Embase</b>	<b>Medline</b>	<b>Cochrane</b>	<b>Food Science Technology Abstracts</b>	<b>Scopus</b>
Intervention	protein or carbohydrate* or fat* or "omega 3"	protein or carbohydrate* or fat* or "omega 3"	protein or carbohydrate* or fat* or "omega 3"	"omega 3"	protein or carbohydrate* or fat* or "omega 3"
Intervention	*vitamin intake/	*Vitamin D/	*Vitamin D/		
Intervention				DE "VITAMIN D" OR DE "VITAMIN D STATUS"	
Intervention	*iron intake/	*Iron, Dietary/	*Iron, Dietary/	DE "IRON DEFICIENCY" OR DE "IRON STATUS" OR DE "ANAEMIA"	
Intervention	"vitamin A" or "vitamin D" or vitamins or an?emia	"vitamin A" or "vitamin D" or vitamins or an?emia	"vitamin A" or "vitamin D" or vitamins or an?emia		"vitamin A" or "vitamin D" or vitamins or anaemia
	iron adj4 (intake or diet* or defficien*)	iron adj4 (intake or diet* or defficien*)	iron adj4 (intake or diet* or defficien*)		iron w/4 (intake or diet* or defficien*)
Intervention	exp *vegetarian diet/	exp *Vegetarians/	Diet, Vegetarian	DE "VEGETARIAN DIET" OR DE "VEGAN DIET" OR DE "VEGAN FOODS" OR DE "VEGETARIAN FOODS"	
Intervention	*vegan diet/			DE "GLUTEN LOW DIET" OR DE "GLUTEN LOW FOODS"	

<b>Search category</b>	<b>Embase</b>	<b>Medline</b>	<b>Cochrane</b>	<b>Food Science Technology Abstracts</b>	<b>Scopus</b>
Intervention	gluten?free or dairy?free or vegetarian* or vegan*	gluten?free or dairy?free or vegetarian* or vegan*	gluten?free or dairy?free or vegetarian* or vegan*		gluten?free or dairy?free or vegetarian* or vegan*
Intervention	exp *child nutrition/	exp *Infant Nutritional Physiological Phenomena/	exp *Infant Nutritional Physiological Phenomena/		
Outcomes	exp *body composition/	exp *Body Composition/		DE "BODY COMPOSITION" OR DE "BODY FAT DISTRIBUTION"	
Outcomes	exp *child growth/	exp *Growth/		DE "GROWTH (HUMAN)"	
Outcomes	*childhood obesity/	*Pediatric Obesity/		DE "OBESITY"	
Outcomes	exp *childhood cancer/				



<b>Search category</b>	<b>Embase</b>	<b>Medline</b>	<b>Cochrane</b>	<b>Food Science Technology Abstracts</b>	<b>Scopus</b>
Outcomes	growth or \$weight or obes* BMI or "body composition" or mass or diabetes or CHD or "coronary heart disease" or bone* or \$skeletal or teeth or dental or oral or height or cancer* or allerg* or auto?immune or neurolog* or outcome*	growth or \$weight or obes* BMI or "body composition" or mass or diabetes or CHD or "coronary heart disease" or bone* or \$skeletal or teeth or dental or oral or height or cancer* or allerg* or auto?immune or neurolog* or outcome*		\$weight or BMI or mass or diabetes or CHD or "coronary heart disease" or bone* or \$skeletal or teeth or dental or oral or height or cancer* or allerg* or auto?immune or neurolog* or outcome*	growth or \$weight or obes* BMI or "body composition" or mass or diabetes or CHD or "coronary heart disease" or bone* or \$skeletal or teeth or dental or oral or height or cancer* or allerg* or auto?immune or neurolog* or outcome*
Cohort studies	"Born in Bradford"	"Born in Bradford"		"Born in Bradford"	"Born in Bradford"
Cohort studies	"Millenium Cohort Study"	"Millenium Cohort Study"		"Millenium Cohort Study"	"Millenium Cohort Study"
Cohort studies	"Avon Longitudinal Study of Parents and Children"	"Avon Longitudinal Study of Parents and Children"		"Avon Study of Parents and Children"	"Avon Study of Parents and Children"
Cohort studies	"Southampton Women's Survey"	"Southampton Women's Survey"		"Avon Longitudinal Study of Parents and Children"	"Avon Longitudinal Study of Parents and Children"

<b>Search category</b>	<b>Embase</b>	<b>Medline</b>	<b>Cochrane</b>	<b>Food Science Technology Abstracts</b>	<b>Scopus</b>
Cohort studies	"Generation R"	"Generation R"		"Generation R"	"Generation R"
Cohort studies	"Feeding Infants and Toddlers Study"	"Feeding Infants and Toddlers Study"		"Feeding Infants and Toddlers Study"	"Feeding Infants and Toddlers Study"
Publication type	exp SYSTEMATIC REVIEW/				
Publication type	exp META ANALYSIS/				
Publication type	"review*" OR meta-analys* OR "meta analys*"	"review*" OR meta-analys* OR "meta analys*"	<i>Apply SR filter</i>	"review*" OR meta-analys* OR "meta analys*"	"review*" OR meta-analys* OR "meta analys*"
Date limit	1990-current	1990-current	1990-current	1990-current	1990-current

**Table A3.2 Details of supplementary literature search on oral health**

Search category	Embase
Population	exp *child/ child* or infant* or pre?school* or baby or babies or toddler* or month* or aged
Dietary exposures	exp *feeding behavior/ exp *Breast Feeding/ exp *child nutrition/ diet* or \$fe?d* or eat* or food* or meal* or bottle or cup or "food pouch"
Dietary exposures	sugar/ exp oligosaccharide/ sugar* or "free sugar" or NMES or "non?milk extrinsic sugars" or sweet* or sucrose or fructose or lactose or galactose or maltose or <b>isomaltose or monosaccharides or oligosaccharides or disaccharides</b>
Dietary exposures	milk/
Dietary exposures	exp *sweetened beverage/
Dietary exposures	carbonated beverage/
Dietary exposures	smoothie* or juice* or milk or formula
Dietary <b>exposures</b>	(sweet* or sugar* or acid* or soft or probiotic or cariogenic or soda or carbonated) adj3 (drink* or beverage*)
Dietary exposures	honey or raisin* or sultana* or prune* or fruit* or yog?urt or cake* or biscuit* or confectionary or syrup* or cookie* or snack* or vegetable* sweet* or chocolate*
Dental health outcomes	dental health/ (dental or oral) adj health

Search category	Embase
	tooth disease/ exp dental caries/ "childhood dental caries"
Dental health outcomes	(dental or tooth or teeth or enamel or dentin or rampant or recur*) adj3 (decay* or cavit* or caries or carious or "white spot*" or plaque or \$minerali*)
Dental health outcomes	dmf index/
Dental health outcomes	decay?missing?fill* or "decayed and filled tooth" or "decayed extracted filled surface" or "International Caries Classification and Management System"
Dental health outcomes	malocclusion/ exp periodontal disease/ "peridontal disease" or malocclusion
Cohort studies	"Born in Bradford" "Millenium Cohort Study" "Avon Longitudinal Study of Parents and Children" "Southampton Women's Survey" "Generation R" "Feeding Infants and Toddlers Study"