



# Design and Technology

## Year 4 Summer 1 – Burps, Bottoms and Bile




As part of your Burps, Bottoms and Bile learning, you will be evaluating different 'healthy' snack bars and designing your own. You will follow a recipe to make your own healthy snack bar and think about how this would be packaged.

**Food and Nutrition** - Designers of food products need to think about where food comes from and how the food fits into a healthy and varied diet. They must think about the preparing and cooking processes and ways to get food ready to be eaten.


### What we know so far

- It is important to work hygienically in the kitchen.
- Knives can be used to cut food. These can be used safely with a bridge grip and a claw grip.
- A balanced diet is a range of food from all food groups.
- That living things need the right amount of nutrition to stay healthy (Yr 3 Spr 2 Science).

### Key Vocabulary


 **Snack** – something that you eat between meals.

**Appearance** – what something looks like.

 **Healthy** – something that is good for your body.

**Function** – the purpose which something is designed for.

**Allergen** – something that causes an allergic reaction.

 **Utensils** – tools used in the kitchen.

**Product** – something that is designed and made for sale.

### New Knowledge

There are a range of kitchen utensils I can choose from and these need to be used safely.



Wash hands



Long hair must be tied back



Clean surfaces

grater



knife



sieve



Food must be prepared in a hygienic way.

Food products are designed for a target audience.



Packaging needs to be attractive and keep food fresh.

Some foods need to be eaten in moderation, such as sugars and fats.

Nutrition Facts	
1 Serving Information	1 serving (one container)
2 Calories	280
3 Nutrients	Total Fat 15g 30% Saturated Fat 5g 10% Trans Fat 0g 0% Cholesterol 30mg 60% Sodium 100mg 20% Total Carbohydrate 40g 80% Dietary Fiber 1g 2% Total Sugars 10g 20% Protein 10g 20% Vitamin D 25% Calcium 10% Iron 10% Potassium 10%
Percent Daily Values are based on a diet of other people's secrets.	

Nutrition labels on packaging help to identify ingredients, nutritional information and allergens.

