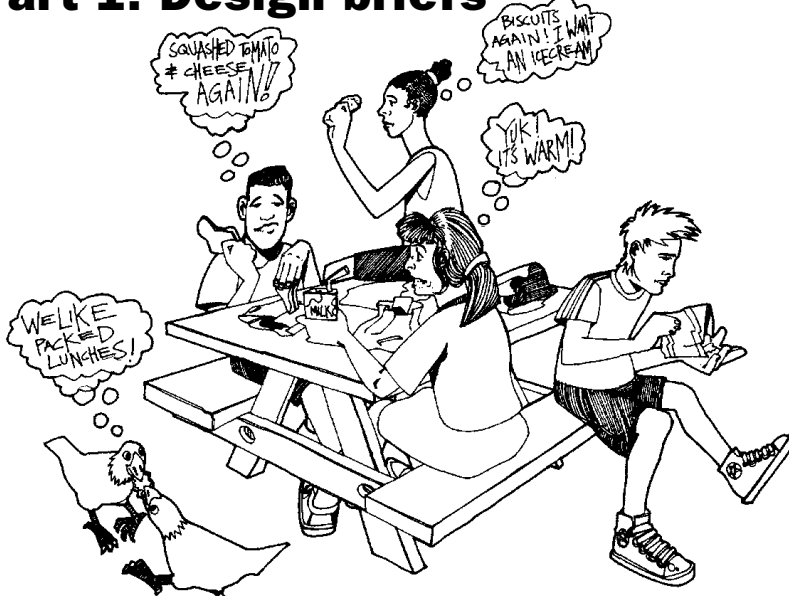


## Part 1: Design briefs



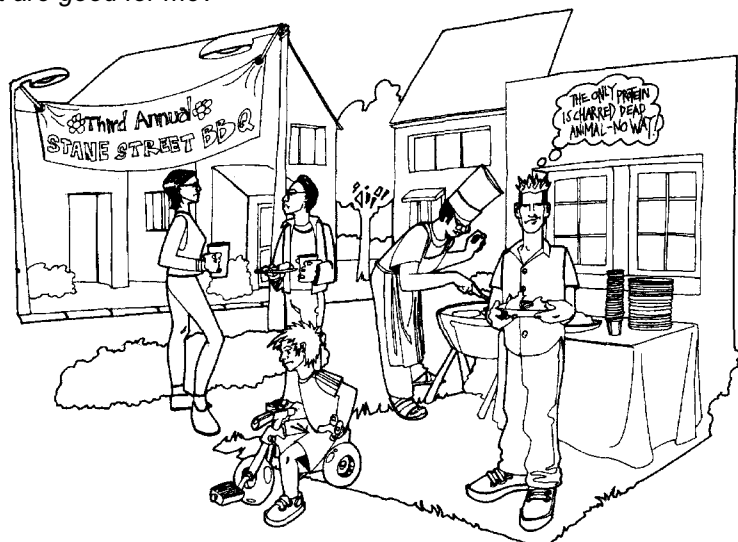
Why is packed lunch food so awful?



Why can't I buy sweets that are good for me?



Why is it tricky to prepare a meal for one?



Why is it so difficult to eat out as a vegetarian?

### Learning

To extend your understanding of how to write design briefs in response to needs, wants and likes (Part 1) and write a specification from a design brief (Part 2).

### Student's Booklet

Design briefs and specifications

### Timing

Part 1: 40 minutes  
Part 2: 40 minutes

### Equipment and materials

- workbook
- pen, pencil

### Type of task

Extension

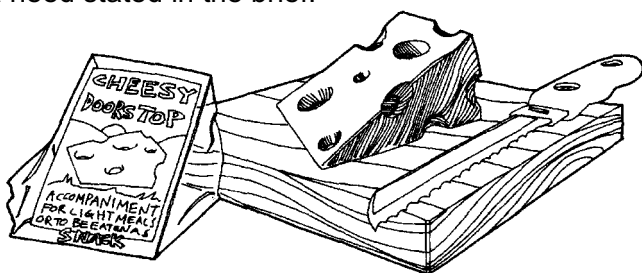
- 1 With a partner, or in a group of three, talk about each situation shown. Discuss some of the possible needs, wants and likes of each situation.
- 2 For each one, agree:
  - a closed brief;
  - an open brief.
- 3 For each situation shown, write in your workbook the agreed closed brief and open brief.

### Further/homework

- 1 Choose one of the open briefs you have agreed.
- 2 Break this down into as many closed briefs as you can.
- 3 Write these down.

## Part 2: Specifications

Each of the illustrations shows a product designed to meet a need stated in the brief.



*Brief: Design a range of savoury breads that indicate their taste by their appearance*



*Brief: Design a range of low fat food products suitable for a calorie controlled diet*



*Brief: Design a low cost high protein dish for the elderly*



*Brief: Design a savoury snack based on Quorn suitable for the teenage market*

- 1 Think about each solution and design brief carefully.
- 2 Write a performance specification for each one in your workbook. Use sketches where these help explain your points.
- 3 Your specification should:
  - describe what the product has to do;
  - describe what the product should look like;
  - state any other requirements that need to be met – how the product should work, manufacturing methods, materials, ergonomic requirements, environmental, legal requirements and so on.
- 4 Sketch a further solution to one of the open design briefs.
- 5 Write a performance specification for your solution.

**Further/homework**

Using your sketch and performance specification from Part 2, develop more detailed sketches of parts of your solution. Add notes to show how these details might help meet the specification point.