

Sports Bag

Approach: Station

Level: Year 8 only

Resources Video showing equipment to be carried in sports bag; pencil; answer sheet; bag of material samples marked A–G (polar fleece; parka nylon; canvas; cotton rugby knit; polyester; Oxford nylon; Microfibre suede crepe).

Questions/instructions

In this activity you will be designing a really useful sports bag that will hold these things:

- swimming togs and towel
- running shoes
- shorts and t-shirt
- a softball and glove
- a bike helmet.

Play the video.

In the clip the students are posed with the problem. A child has a range of sports equipment which she is carrying around in a plastic bag. She needs a sports bag which will hold the sports gear in a suitable way. Each item to be contained in the sports bag is shown. The students are asked to do the three things outlined on their answer sheet.

1. Write down all of the things you would need to think about when designing the sports bag.

Merit of list

strong	22
moderate	49
weak	29

2. Draw a design for the sports bag in the box.
Write words to label the different parts or features.

Merit of design drawn

strong	24
moderate	52
weak	24

3. Look at the materials you can choose from.
Choose what you think would be the best materials for the bag.

Write the letters of the materials you would choose:

Write down why you chose those materials.

Merit of reasons for choice of material

strong	20
moderate	50
weak	30

4. How would you check that your sports bag is going to be a good one?

Merit of ideas for checking

strong	10
moderate	47
weak	43

% responses
year 8