

## Design and Technology—Year 8—Product Analysis

Using the questions provided, on a separate piece of paper complete a product analysis of the headphone storage shown.

Success Criteria		Self	Parent/
Evaluation	You answered questions using full sentences.		
	You have good spelling, punctuation and grammar.		
	You used key words consistently throughout e.g. acrylic.		
	You justified your choices.		
	Your answers are specific and detailed.		
Design	Your work is well presented.		

### Product Analysis Questions

**Aesthetics** What does the headphone wrap look like? What style is it (modern, traditional, art deco, simplistic) What is your opinion on the colour, shape, pattern and overall design? Why? What could be done to improve the headphone wrap design?

**Customer** Who do you think it would appeal to (age, sex, interests) and why? What types of hobbies and interests do you think this person would have?

**Cost** How much is it? Why do you think it costs this much (materials, one off, mass produced, style)? How will the cost affect the customer who will buy it?

**Environment** Is it environmentally friendly? Why do you think this?

**Safety** Is it safe to use? How have they made it safe? Could it be improved? How will this affect the customer?

**Size** What are the dimensions? Why do you think it is this size (what does it hold, where will it used, how will the customer use it)? How will the size affect the cost and environmental impact?

**Function** What is its job? How well does it fulfil this role? What could be done to improve it?

**Materials** How has it been made? How does this affect the materials used and cost? (*Research injection moulding if you are unsure*)

**Manufacture** What materials have been used? Why have they chosen these materials? How have the materials affected the cost, aesthetics, environmental impact? (*Research silicone properties if you are unsure*)

**Extension Task—Try analysing other product around the house using these questions.**



£4.00

Material: Silicone

Size 50 x 60 x 15mm

#### Top Tips

Write in full sentences e.g. I think this product is a modern style because...

If you find it hard to write on plain paper, rule some lines to write on.

#### Key Words

Aesthetics	Materials
Client	Manufacture
Customer	Silicone
Environment	Injection Moulding
Safety	Laser Cutter
Size	Because
Function	

## Design and Technology Year 8—Product Analysis

Using the questions provided, on a separate piece of paper complete a product analysis of the lifejacket shown.

Success Criteria		Self	Parent/ Guardian
Evaluation	You answered questions using full sentences.		
	You have good spelling, punctuation and grammar.		
	You used key words consistently throughout e.g. acrylic.		
	You justified your choices.		
	Your answers are specific and detailed.		
Design	Your work is well presented.		

### Product Analysis Questions

**Aesthetics** What does the life jacket look like? What style is it (modern, traditional, art deco, simplistic) What is your opinion on the colour, shape, pattern and overall design? Why? What could be done to improve the lifejacket design?

**Customer** Who do you think it would appeal to (age, sex, interests) and why? What types of hobbies and interests do you think this person would have?

**Cost** How much is it? Why do you think it costs this much (materials, one off, mass produced, style)? How will the cost affect the customer who will buy it?

**Environment** Is it environmentally friendly? Why do you think this?

**Safety** Is it safe to use? How have they made it safe? Could it be improved? How will this affect the customer?

**Size** What are the dimensions? Why do you think it is this size (where will it used, how will the customer use it)? How will the size affect the cost and environmental impact?

**Function** What is its job? How well does it fulfil this role? What could be done to improve it?

**Materials** How has it been made? How does this affect the materials used and cost?

**Manufacture** What materials have been used? Why have they chosen these materials? How have the materials affected the cost, aesthetics, environmental impact?

**Extension Task—Try analysing other product around the house using these questions.**



Childs Lifejacket NEMO

Child Chico 100N life jacket.

Equipped with a large protective collar, this jacket lets you recover an unconscious person and keep the respiratory tract out of the water.

Fluorescent yellow jacket allows quick identification in the event of a fall into the sea. Solas reflective strips. Adjustable belt with quick and safe release. Zip, whistle. Crotch strap with integrated adjustable pants intended to provide even more safety.

£26.76- £44.90

Material: Nylon

Size various sizes for age-groups

#### Top Tips

Write in full sentences e.g. I think this product is a modern style because...

If you find it hard to write on plain paper, rule some lines to write on.

#### Key Words

Aesthetics

Client

Customer

Environment

Safety

Size

Function

Materials

Manufacture

Nylon

Reflective strips