

## Section A Questions

A furniture manufacturer has asked you to produce designs for a games console storage device. All of your designs must store/hold the console and a selection of games. They could also store devices such as game controller, steering controller or guitar controller.

- Give three design requirements of the games controller storage device
- Sketch 3 different design ideas in your exercise book for a games controller storage device
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

A local manufacturer has asked you to produce a range of ideas for a jewellery storage device.

- Give three design requirements of the Jewellery storage device
- Sketch 3 different design ideas in your exercise book for a Jewellery storage device
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

The owner of a chain of 'Art Deco' inspired cafés has asked you to design a device for holding and carrying the condiments on a table. The device must display the menu and table number.

- Give three design requirements of the device
- Sketch 3 different design ideas in your exercise book for a device
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

A manufacturer of gardening equipment has asked you to produce a range of designs for devices to help elderly people when gardening.

- Give three design requirements of a gardening device
- Sketch 3 different design ideas in your exercise book for a gardening device
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

You have been asked by a company that designs and manufactures personal hi-fi equipment to produce a range of casing designs for an mp3 player docking station with speakers.

The docking station should be suitable for the teenage market.

- Give three design requirements of a casing for an MP3 player docking station with speakers suitable for a teenager and explain each of your answers.
- Sketch 3 different design ideas in your exercise book for a casing for an MP3 player docking station with speakers suitable for a teenager and explain each of your answers.
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

A manufacturer of interior lighting has asked you to produce a range of designs for a task light. The light should illuminate the work area on a home office desk or student desk.

- Give three design requirements of a task light
- Sketch 3 different design ideas in your exercise book for a task light
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features
- Evaluate your developed design

A manufacturer of indoor public seating has asked you to produce a range of designs for seating suitable for use in a new shopping centre. Two of the designs must meet the needs of young children

- Give three design requirements for public seating
- Sketch 3 different design ideas in your exercise book for public seating
- Take one design idea. Use notes and sketches to show how you would develop the design features. Your developed design should include materials, finishes, method of construction and design features and how you developed the design to meet the needs of users
- Evaluate your developed design