

Pearson BTEC Level 2 Technical Diploma

June 2019

Supervised hours: 20 hours (15 informal, 5 formal)

Paper Reference **21244K**

Design Production

Unit 6: Creative Design Project

You do not need any other materials.

Information

- This booklet contains material for the completion of the set task under supervised conditions. The set task is out of 72 marks.
- This booklet is specific to each series and this material must be issued only to learners who have been entered to undertake the task in the specified series.
- This booklet may be given to learners as soon as it is received, so that learners can start the preparatory period in advance of the final supervised assessment period.
- The set task will be released in January each year with the supervised assessment undertaken before the submission date specified by Pearson.

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Instructions to Teachers/Tutors

Learners are required to develop a design concept in response to a client brief.

Preparatory period

There are **three** stages of development that need to be completed **prior** to the supervised period of assessment. It is recommended that learners spend approximately 31 hours on the preparatory period:

- 8 hours on research
- 8 hours on a statement of intent
- 15 hours experimenting with skills and techniques to develop a design outcome.

Learners will need to complete the majority of these stages within the studio/classroom environment where they will have access to specialist equipment and resources. This will allow teachers/tutors to monitor learner activity and progress to ensure that all work produced can be authenticated.

Supervised assessment period

Learners will undertake a set task comprised of 20 hours of supervised assessment.

This is made up of:

- 15 hours shaping/refining the final product under informal supervision
- 5 hours to select work and create a digital portfolio under formal supervision.

During the 15 hours of informal supervision for shaping/refining the final product:

- the majority of the work must be produced in the supervised environment
- work and resources can be brought in and out of the supervised environment, but these must be monitored so that the learner's final product can be authenticated.

During the 5 hours of formal supervision for producing the digital portfolio:

- all work must be produced in the supervised environment
- only permitted materials for the set task can be brought into the supervised environment
- during any permitted break and at the end of each session materials must be kept securely and no items removed from the supervised environment
- there should be no internet access available.

At the end of the 20 supervised hours the teacher/tutor will confirm that all learner work was completed independently as part of the authentication submitted to Pearson.

All learner work for the set task must be completed independently. Learners must save and/or document their work regularly and ensure that all materials can be identified as their work.

The set task is a formal external assessment and must be conducted with reference to the instructions in this booklet and the Instructions for Conducting External Assessments (ICEA) document to ensure that the supervised period is conducted correctly and that learners have the opportunity to carry out the required activities independently.

Teachers/Tutors are responsible for maintaining security and for reporting issues to Pearson.

Centres are free to arrange the supervised period how they wish. The set task will be released in January each year with the supervised assessment undertaken before the submission date specified by Pearson. The 5 hours for producing the digital portfolio must be under the level of control specified, and in accordance with the conduct procedures.

Outcomes for submission

Each learner will need to submit **two** documents on completion of the supervised assessment period.

- A digital portfolio of up to 25 A4 pages, saved as a PDF file. The digital portfolio must include the three stages of development: research, statement of intent and design development. This must be between 15 to 20 A4 pages. Then a maximum of 5 further A4 pages can be used to illustrate the final design outcome.
- A completed authentication sheet.

Instructions for Learners

Read the set task information carefully.

You must plan your time and submit all the required evidence at the end of the assessment period. It is recommended you spend 31 hours on the **three** stages of development. These need to be completed **prior** to the supervised period of assessment.

It is recommended that you spend approximately:

- 8 hours on research
- 8 hours on a statement of intent
- 15 hours experimenting with skills and techniques to develop a design outcome.

You must complete your research, statement of intent and product development process independently and should not share your work with other learners.

You will undertake a set task comprised of 20 hours of supervised assessment. This is made up of:

- 15 hours shaping/refining your final product under informal supervision.
- 5 hours to select work and create a digital portfolio under formal supervision.

Your supervised activities must be completed in timetabled sessions provided by your centre.

Outcomes for submission

You will need to submit **two** documents on completion of the supervised assessment period.

- A digital portfolio of up to 25 A4 pages, saved as a PDF file. The digital portfolio must include the three stages of development: research, statement of intent and development. This must be between 15 to 20 A4 pages. Then a maximum of 5 further A4 pages can be used to illustrate the final design outcome.
- A completed authentication sheet.

Set Brief

A leading design magazine, called Design Future is planning a special online edition about young designers whose design work responds to the theme of '**Food and Drink**'. The magazine is looking for creative, imaginative, design ideas and outcomes that will be part of an exciting feature showcasing new work.

You have been invited to submit design work suitable for inclusion in this edition. Your design work must respond to the theme of '**Food and Drink**' and also respond to **one** of the trending topics that have been identified by the magazine.

The trending topics are:

- **Travel**
- **Smart Technology**
- **Seasonal Accessories.**

This edition is focused on young people who are working and your designs should be suitable for this market.

You will need to demonstrate your ability to understand and work within the design process. You will need to produce a digital design portfolio and evidence of your final design outcome.

Your digital portfolio will contain 15 to 20 A4 pages of your selected research, a statement of intent, design development and up to 5 further A4 pages illustrating your final design outcome. You must communicate your final design in the most appropriate format to demonstrate your ideas clearly. This could be through:

- models
- prototypes or samples
- hand rendered designs
- digital designs
- concept boards
- any combination of these.

This is not to be considered an exhaustive list.

Your outcomes will be assessed on the quality of design, how well your work addresses the set brief and how clearly you have communicated your ideas. You should plan your time carefully and consider the necessary time and resources needed when creating and refining your design.

Preparatory period

You must complete **three** stages of development prior to the supervised period of assessment.

Research

You must carry out research into the theme, the target audience and existing products before beginning your design piece. You should research and prepare resources to generate ideas in response to the brief. You will need to document the work you do as evidence for your digital portfolio. It is recommended that you spend approximately 8 hours on the research stage.

Statement of intent

You must prepare a statement of intent for your project that communicates your initial ideas. This can include any combination of sketches, notes and annotations, written outlines, digital mock-ups, photographs and planning documents (e.g. time, materials, equipment, techniques, processes and other practical considerations). You will need to document the work you do as evidence for your digital portfolio. It is recommended that you spend approximately 8 hours on your statement of intent.

Development of design work

You must produce a body of work demonstrating your exploration of design production techniques and resources to develop a response to the brief. You will need to document the work you do as evidence for your digital portfolio. It is recommended that you spend approximately 15 hours developing your design work.

Set Task

Part 1 – Final Design Outcome

This part of the set task must be completed in 15 hours of informal supervised assessment.

During this part of the set task, you are permitted to bring work in and out of the supervised environment. Any work brought in and out will be monitored by your teacher/tutor to ensure the work is your own.

You must produce a final design outcome that clearly communicates your concept in relation to the brief.

Evidence of the final design outcome should be saved in a digital format. 3D and larger pieces must be photographed and include an indication of scale.

Part 2 – Production of Portfolio

This part of the set task must be completed in 5 hours of formal supervised assessment.

You should bring all development work with you to begin work on this part of the set task. You will not be permitted to bring work in and out of the supervised environment once the formal supervised session begins.

You must select, organise and present material to create your digital portfolio documenting your research, statement of intent and development of ideas and work.

Research will be assessed on:

- your selection of research and how this links to the theme and chosen topic
- how your research informs your understanding of the target audience
- your research into existing design products.

Statement of intent will be assessed on:

- the relevance of your initial ideas to the brief
- how your research has been used to inform your ideas
- your consideration of the materials, equipment, techniques and processes you plan to explore.

Development of design work will be assessed on:

- your choice and use of materials and equipment in relation to your design
- your exploration of processes and techniques to develop your design
- your ability to refine ideas
- the choices you have made and how well they have supported the development of your ideas.

Final outcome and digital portfolio will be assessed on:

- how well you communicate your design through the application of materials, techniques and processes
- how your work addresses the set brief
- the selection and organisation of material for your digital portfolio
- the presentation and format of your portfolio.

Your digital portfolio can be up to 25 A4 pages, saved as a PDF file. 15 to 20 pages must be used for research, statement of intent and development and up to 5 A4 pages can be used to illustrate your final design work. Each page can include a combination of images and written work. Consideration should be given to the quality of the images selected for the portfolio. They should be of sufficient size and quality to represent the work clearly.

(Total for research = 12 marks)

(Total for statement of intent = 12 marks)

(Total for development of design work = 24 marks)

(Total for final outcome and digital portfolio = 24 marks)

END OF UNIT

TOTAL FOR UNIT = 72 MARKS