

Summer IL for current year 10 classes

The first page (you have started this)

Design Brief

Research- visits/ questionnaires, interview with intended user/client and product analysis.

Example NEA portfolios will be on Fronter.

GCSE DT

CONTEXTUAL CHALLENGE 2018/19 (NEA)

A Design and Make challenge (June 2018 to April 2019)

You must produce a portfolio and a prototype

25-30 A4 pages Some pages will be created in PowerPoint, some by hand.

50% towards final level.

All work from now on will be assessed.

This is an exciting opportunity in DT. Be your most creative self!

Below are three themes, each with two contextual challenges.

You must choose **one contextual challenge** to explore and respond to through your assessment project.

Theme 1 Going travelling

Contextual challenges

- (a) How can products be used to meet the storage needs of people that are travelling?
- (b) How can products be used to make people more comfortable when travelling?

Theme 2 Going to a festival

Contextual challenges

- (a) How can products be used to market or promote a festival?
- (b) How can products be used to improve the experience of people attending a festival?

Theme 3 Going to the zoo

Contextual challenges

- (a) How can products be used to encourage visitors to recycle waste during their visit to the zoo?
- (b) How can products be used to educate young children about endangered animals during their visit to the zoo?

Choose a theme that will maintain your interest

Each challenge relates itself to one of the following:

Graphics based (card nets, promotional material, graphic computer based work.

Resistant Materials based (wood and plastic)

Textiles based.

Some may have a combination of both.

Where do you think your skills lie?

As a class we will look at a Contextual Challenge and produce a mind map.

In groups of 4, produce a mind map exploring both challenges for each theme.

Divide your group into pairs. Each pair must focus on one of the challenges.

You will need to swap your mind maps and using a different colour add on your own thoughts.

Discuss each challenge in the theme that you have looked at. Feedback to the rest of the class.

This work will be included in your portfolio (record your own contributions)

How?

Mode of transport

- Car
- Coach
- Train
- Eurostar
- Plane
- Boat

Who?

- Holidaymakers
- Solo travellers
- Backpackers
- Families
- Couples
- Groups of friends
- Students on a gap year
- Weekend visit

Existing problems

- Not enough storage
- Fold down tables are too small
- Items get lost in the sleeves/pockets on planes
- Not enough separate compartments in your bag
- You need to keep going into your travel bag

Going travelling

When?

Design possibilities

User/client

Client- a company?

Items for storage

Items needed for travel

Products

MIND MAP OF IDEAS THAT
LINK TO YOUR CHOSEN DESIGN THEME

The needs of my user

My intended user

Possible Client

How will my product benefit the user?

Different types of Research.

Are these Primary or Secondary?

Questionnaire

Books

Journals

Shops

Venues

Site visit

Internet

Scientific data

Product analysis

Measuring and Testing

Interview

Online poll

Interview

NEA DEADLINE

- Investigation – first page
- Design Brief

10/SAA 16/07/18

10/BEC 18/07/18

10/SCH 18/07/18