



Study Experiences Disneyland Resort Paris 2009

Design and Technology Student Workbook



Name

School

Hotel Room number

**Please look after your park pass
Study Experiences is unable to provide you
with a replacement**

General Information and Advice

During your Study Experience you will be joining schools and colleges from across the UK for three education sessions. We hope that you enjoy your trip and ask you to help us, and your teachers/lecturers, by remembering the following points:

Education Sessions:

Please do

- arrive on time, at least 10 minutes prior to the advertised time, allow at least 30 minutes to get to the session venue from your hotel
- turn off your mobile phones, i-pods etc on arrival at the hall
- remember to bring this work book and a pen for note taking during the session

Please do not

- use laser pens, flash photography or other distractions
- bring food and drink into the hall

In the Hotel:

- the cast members (staff) at Disneyland Resort Paris have been instructed not to serve alcohol to those under 18 – if there is any doubt you will be asked to provide your passport for identification
- if you are over 18 please be sensible with your drinking, again cast members have been asked to refuse alcohol if there is any doubt on how much you have drunk, and you will not be allowed to buy drinks for other people
- please respect the property within the hotel and treat other guests with due consideration

In Disney Village:

- be aware that many of the people in Disney village are not on holiday – as is the case in any public place, there are pickpockets about so make sure you do not take any unnecessary valuables with you on the trip

General:

- you will be visiting the resort in winter – we would suggest you bring warm clothing and suitable shoes

Session 1, Date:
Case Study 1 - Roller Coaster Technology

- Roller coaster developments
 - Roller coaster design
 - Space Mountain materials
 - Safety
 - Rock'n'Roller Coaster – control and lighting systems
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Notes

Session 1, Date:
Case Study 2: Stunt Show Design

- Creating the setting
 - Computer aided design
 - Car stunts
 - Fire effects
 - Safety
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Notes

Session 2, Date:
Case Study 1: Food and Beverages

- Size and scale of operations
 - Research
 - Planet Hollywood
 - HACCP
 - Banqueting
-

Notes

Session 2

Case Study 2: Food Packaging

- USP's
 - Transportation, handling, storage
 - Primary, secondary and transit packaging
 - The design process
 - Materials
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Notes

Session 3, Date:
Case Study 1: Parade Costume and Float Design

- Creativity
 - Properties of materials
 - Colouring fabrics
 - Health and safety
 - Industrial equipment
 - Computer aided design
 - Float construction and materials
 - Safety
-

Notes

Session 3
Case Study 2: Graphic Design for Attractions

- Concept design
 - Sense of scale
 - Instructions for fabricators and engineers
 - Character interpretation
 - Branding
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Notes

Study Experience Assignment 1 Design for Purpose

Choose two different attractions, parades or rides (one from each Disney park):

What is the purpose of each, what target markets are they aimed at?

How does the suitability of each design match their purpose?

What materials have been used?

What effect has each material achieved?

Is there impact beyond the functional purpose for which each ride or attraction was designed?

Study Experience Assignment 2 Space Mountain Case Study

Take a trip on Space Mountain:

From the information you received in session one, how do you think the attraction works?

What scientific principles are involved?

What materials and structures have been used?

What mechanisms do you think have been used?

Study Experience Assignment 3 Food Technology

A. Compare two different food outlets in the parks or village:

What type of visitor is the outlet trying to attract?

How suitable are the styles, prices and promotions for both outlets and their target groups?

How does the volume and length of stay of guests affect the food selection offered?

B. Design a "healthy eating meal" that could be sold on a fast food cart.

Study Experience Assignment 4 Graphic Products – Food Packaging

Disneyland Resort Paris is currently trying to improve its range of food products to promote healthy eating.

From what you have discovered in the education sessions and what you can see in the food outlets in the park design an item of food packaging for a take-away healthy eating product. It could be for fruit, salads, smoothies, vegetables and dips - the only limit is your imagination.

Study Experience Assignment 5

Textiles – Costume design

The parade costumes at Disneyland Resort Paris have to be worn 365 days a year, in all weathers. After you have watched the parades make notes on how you think the costumes have been/could be adapted to be suitable for all weathers. Make five suggestions for wet, cold weather and five for hot weather.

My suggestions how costumes can be adapted for wear in wet, cold weather:

- 1.
- 2.
- 3.
- 4.
- 5.

My suggestions how costumes can be adapted for wear in hot weather:

- 1.
- 2.
- 3.
- 4.
- 5.

Study Experience Assignment 6 Environmental Challenges

There are many environmental challenges in theme park design. We have provided you with one challenge and a suggested answer. Name three other challenges, and suggest how they can be overcome.

Challenge 1: Massive energy consumption

Answer: "Intelligent" lights that switch off when there is no one there would not only save on energy consumption for the global economy but would also save money by reducing the resorts electricity bill.

Challenge 2:

Answer:

Challenge 3:

Answer:

Challenge 4:

Answer

Useful French Phrases

Although most of the Cast Members in the resort speak English, as well as a variety of other languages, you may need an occasional phrase in French, particularly if your group goes into Paris. We hope the following phrases will be of help to you.

English	French	Phonetic
General		
Thank you	Merci	Mer-see
Please	S'il vous plait	Seel voo play
Which way to	Quelle est la direction pour	Key ay lay deer-ek-syon poor
Do you speak English?	Parlez-vous Anglais?	Par lay voo ong lay
Shopping		
How much	C'est combien s'il vous plait?	Say kom-byan seel voo play
I would like	Je voudrais ...	Zhuh voo-dray
Do you have?	Est-ce que vous avez?	Es-kuh voo zavay
What time do you open?	A quelle heure êtes-vous ouvert?	Ah kel urr et voo oo-ver
What time do you close?	A quelle heure fermér vous?	Ah kel urr zet fer-may voo
Expensive	Cher	Shehr
Cheap	Pas cher	Pah shehr
Eating out		
Have you got a table?	Avez-vous une table de libre?	Avay-voo oon tahbl d leebr
The bill please	L'addition s'il vous plait	L'adee-syon seel voo play
I am a vegetarian	Je suis vegetarien	Zhuh swee vezhay-tehryan
Menu	Le menu, la carte	Men-oo, kart
Dish of the day	Plat du jour	Plah doo zhoor
Rare	Saignant	Say-non
Medium	À point	Ah pwan
Well-done	Bien cuit	Byan kwee
Staying in a hotel		
Key	La clef	Klay
Porter	Le garçon	Gar-son
Bathroom	Salle des bains	Sal duh ban
Shower	Une douche	Oon doosh
Toilet	Les toilettes	Twah-let

Personal Planner

Date/Time	Things to do
Day One	
Day Two	
Day Three	
Day Four (4 day Study Experience only)	
Notes	