

General Certificate of Secondary Education
June 2008



**INFORMATION AND COMMUNICATION
TECHNOLOGY SPECIFICATION A**

3521/7/CB

**Candidate Booklet for the 2008 GCSE
(Short Course & Full Course) AQA-set Assignment**

Centre number						Candidate number				
Surname										
Other names										
Candidate signature										

AQA-SET ASSIGNMENT 2008

Instructions to Candidates

The AQA-set assignment for 2008 concerns using Information and Communication Technology to assist with the running of the Lancre Theme Park.

For the assignment you must complete:

ANALYSIS (10 marks)

- 1 **Read** the whole booklet thoroughly. You may stop at various stages to make the notes required below.
- 2 **Identify** the tasks you need to carry out for the Lancre Theme Park.
- 3 **For this next part it is important to use the headings given. Some items will appear under more than one heading.**

For each task, list the following:

- **Name the task**

- **The form of the output**

This is how the output will be presented.

For example:

*one-page printout,
a screen display,
two pages for a leaflet or flyer.*

- **The information to be output**

This will be a list of the items of information to be included in the output.

For example:

*date,
name,
photograph of person.*

- **The data needed to produce the output and the source of the data**

This is the data, given in the booklet, that you will need to use to produce the output and **where it comes from**. You may need to repeat where it comes from for each item of data, or group the data needed under a heading where it comes from (source of the data).

For example:

*address as stated in the conversation on page 10,
the picture of a roller coaster in a file supplied on disk.*



- **The desired outcomes and performance criteria**

These are the things your solution must do or be.

For example:

it has to be easy to read,

the information must be arranged in rows and columns with a title at the top,

it must be easy to change the number of items required,

the system must produce the correct letters.

- **Testing**

Is this needed or not?

At this point your work must be assessed by your teacher.

After the Analysis stage is complete, your teacher will provide a correct version.

Make sure you understand what the user needs for each task before you continue and show this in all your work.

Now work through the design, implementation, testing and evaluation stages **for each of the tasks in turn**. Each stage should be separate and clearly identified. Try to complete one task before starting the next.

Turn over ▶

DESIGN (25 marks)

Develop a planned design showing how you will carry out the task. Provide sufficient detail so that someone else, familiar with the software, could implement your design. Your plan should include:

- Details of how you will carry out the task.
You must include labelled diagrams to show layouts and formats (eg. font sizes and colours), and, where appropriate, database structures, forms, searches and reports; and spreadsheet layouts including formulae; and validation designs.
- An explanation of how your design choices meet the needs of the user.
This should explain why you have designed your solution in this way and how this meets the desired outcomes and performance criteria that have been specified by the user.
For example:
I have decided to use the Arial font for my presentation because it is very clear and the visitors should find it easy to read.
- A statement of the software you will use and the features of the software that make this software suitable for this particular task.
For example:
I will need to add pictures to my presentation and resize them. The package I have chosen will let me import graphics files and drag them to the required size.
- A testing plan.
State what you will be testing, the data from the booklet you will input to test your solution and the results you expect to be output.

IMPLEMENTATION (45 marks)

Carefully carry out the solution you have designed.

You must:

- Provide evidence that you have produced the solution
- Include enough **earlier versions** of your work to show the progress of your solution.
- Add detailed notes to make it clear what you have done and **how you did it**.

This is your opportunity to demonstrate your level of skill, understanding and efficiency.

- Show all the **key stages** of your solution.

Evidence may be shown by a word-processed commentary illustrated by screen shots and/or by annotated print-outs.

- You must explain any changes you have made from your design and the reasons why.
- Carry out changes, if any of your testing shows they are needed.
- Use your solution to produce all answers or outputs that are necessary for the task.

TESTING (10 marks)

Testing is restricted to checking that the solution produces the correct results. These results are given in the booklet.

You must:

- Follow the testing plan you created in the design stage and carry out the testing.
Provide evidence that you have input the data and produced the output. Also show evidence that you have checked the actual results against the expected results and come to a conclusion. Evidence of testing must be separate from evidence of implementation.
- Include your completed test plan here.
- Describe any problems you find and carry out any changes that may be needed, then repeat the test(s).

If the actual results do not match the expected results then you must find out why, describe what has gone wrong, and how you will correct it. When you have made the corrections, you must repeat the test(s).

EVALUATION (10 marks)

Using the **correct** desired outcomes and performance criteria, say whether they have been met. Discuss how well your solution has met as many of them as possible. This discussion must consider ways you could have improved some parts of your solution or other ways you could have done it.

Turn over ►

AQA-SET ASSIGNMENT 2008

INTRODUCTION

You take the role of Bernie who has just started work as an ICT trainee at Lancre Theme Park. Your supervisor, Hannah, wants you to use your ICT skills to help to improve the way the park operates so that visitors have a more enjoyable experience and the park makes more profit.

Lancre Theme Park has four linked areas, each with a different theme. These areas are arranged around the Central Dome. Within each area there are rides and other attractions. The Central Dome provides a covered entertainment area with seating and also food and souvenir shops.



Remember, you cannot get high marks for implementation if you do not include earlier versions.

Show all the key stages in the development of your solution and add comments to describe what you have done and how you did it.

Conversation between Hannah and Bernie

Hannah: Hello Bernie, I'm Hannah. I hope you are going to enjoy your work here.

Bernie: I'm sure I will. What do you want me to do?

Hannah: The customer services team have decided that we need to make it easier for visitors to find their way around the park. They want us to install touch screen terminals displaying an interactive presentation with a map of the park. Can you make the interactive presentation for us?

Bernie: Yes. Is it just going to be a map?

Hannah: It will have a map on the first page showing the main paths and the themed areas around the Central Dome. From here the visitor must be able to choose an area and get to a page showing what is in that area and where each attraction is located. Provide clear instructions for visitors telling them to touch the area they want to see.

Bernie: Where do I get the map and pictures for the first page?

Hannah: I have the map for the park on a disk. Can you produce the first page of the presentation with this on?



Turn over ►

Bernie: Yes I can do this.

Hannah: Also on the disk is a picture we use for advertising which shows all four themed areas. From this picture you can extract the part you need for one of the separate places on the map. I would like the picture of the Land of Mysteries and Monsters inside that section on the map.

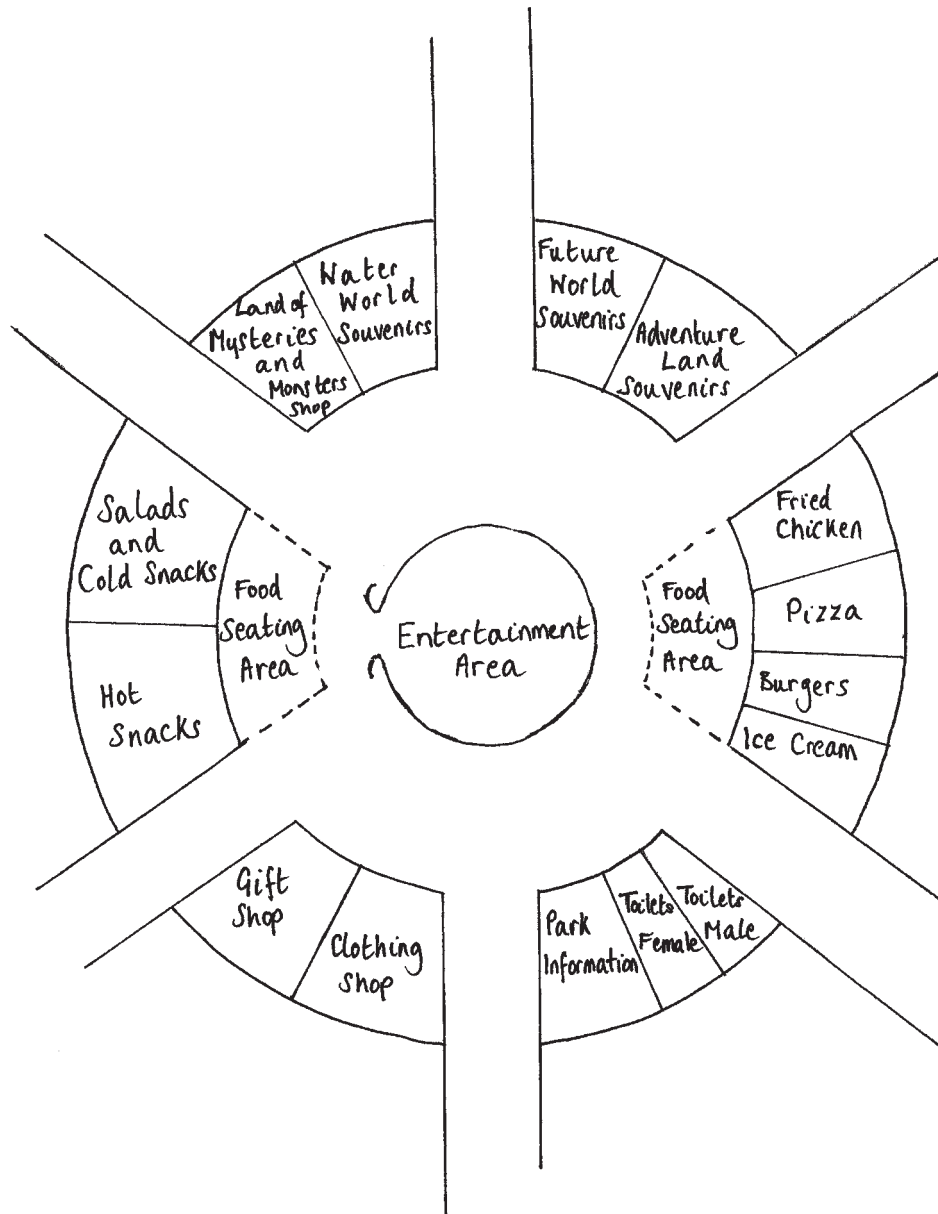


Bernie: Yes, I can do that. Do you also want me to do a page for the Central Dome and can you explain what's in it?

Hannah: Yes, it has shops and food areas with six different food outlets. There is also an entertainment area where we stage shows every day.

Bernie: So what do you want the page to look like?

Hannah: We need a plan showing the layout of the Dome. I've got a hand-drawn plan and you can work from that and I can provide you with the outline for the plan on disk.



Bernie: How do you want me to display the places in the Dome?

Hannah: Shade each area in a different colour and add the correct text.

Bernie: Do I need to follow the exact layout of the text?

Hannah: No, you must use the same words but you can arrange the text however you want provided it is clear to read.

Bernie: Are there any extra information pages linked from the Central Dome page?

Hannah: No.

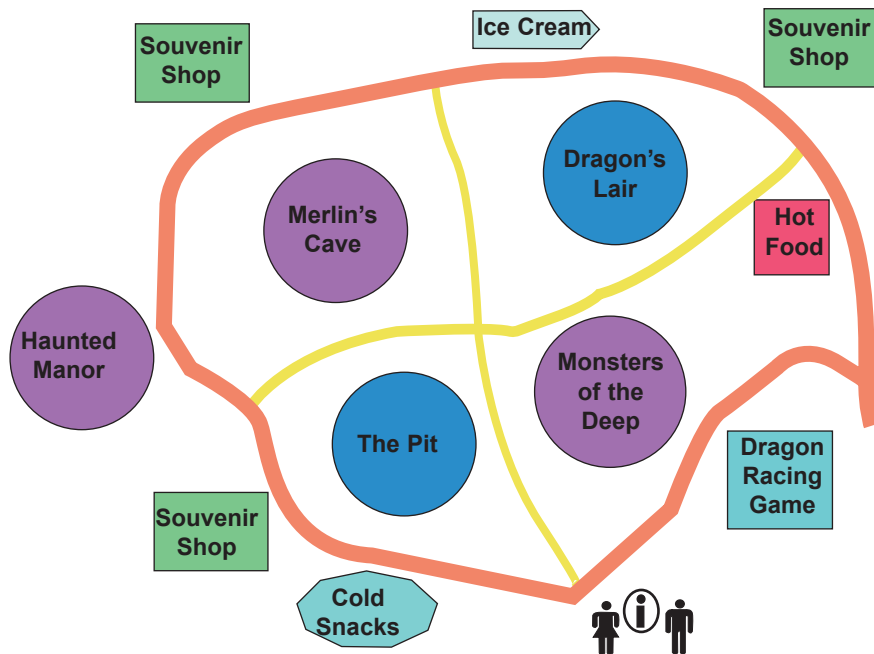
Bernie: Do you want me to make a page for each themed area?

Turn over ►

Hannah: I only want you to do the Land of Mysteries and Monsters themed area page. Each themed area has two main attractions. These are the big rides. The main rides in Land of Mysteries and Monsters are The Pit and The Dragon's Lair.

Bernie: What do you want on the Land of Mysteries and Monsters page?

Hannah: I want the heading 'Land of Mysteries and Monsters' and a map of the area showing where all the attractions are located. Make the heading stand out. The map of the Land of Mysteries and Monsters area is on disk. There are also pictures on disk of the two main rides in the area and I want you to put these over the ride locations on the map. All the other attractions are labelled. I want to provide information on each main attraction, so we need a link from the ride picture to an information page. Just do this for the Dragon's Lair for now.



Bernie: I'll need the ride information for the Dragon's Lair.

Hannah: There is a text file on disk with information about that ride. Make the name of the ride stand out as a heading on the information page.

Bernie: How do you want the pages linked together?

Hannah: When this system is used the terminals will have touch sensitive screens so I want you to use hotspots for all the links. Remember you are only linking the main map to the Land of Mysteries and Monsters and to the Central Dome areas at the moment. The hotspots should cover the picture in a section or the Central Dome area so they are easy for visitors to find. You will need to have a message on the first page to tell visitors to touch the area they want to see.

Bernie: What about the other pages?

Hannah: The Land of Mysteries and Monsters page needs a link from the picture of the Dragon's Lair to its information page.

Bernie: What about the Central Dome?

Hannah: There are no links here.

Bernie: How do visitors get back to the previous page?

Hannah: Use the park logo (shown below) with the word 'Back' underneath it. You will find a copy of the logo on the disk. This should be on every page in the top right corner. It should go back one level.



Bernie: When I have finished these sections I will test all the hotspots to make sure they work.

Hannah: Yes, testing is important. The hotspots must link to the right pages.

Bernie: Do you have a touch screen I can test it on?

Hannah: No, just test it with a mouse for now.

Bernie's Notebook

There are lots of things Hannah wants in this presentation. These notes are to remind me of some of them.

Hannah wants me to make an interactive presentation to help visitors find their way around the park.

Apart from the first page, I only have to do the Central Dome section, Land of Mysteries and Monsters section and the Dragon's Lair information page.

From the outline I will have to produce the plan of the Central Dome.

I must shade each area in a different colour and add the correct text for the places in the Dome.

I need to extract an individual themed area picture from one large picture for the Land of Mysteries and Monsters section on the theme park map.

Bernie's Notebook

The links between the pages must be hotspots.

The main map must link to the 'Land of Mysteries and Monsters' page with a hotspot over the 'Land of Mysteries and Monsters' section on the map.

The main map must link to the Central Dome page with a hotspot over the Central Dome area.

The hotspots must cover the picture within a section.

There must be a message on the first page to tell visitors to touch the area they want to see.

Each page except the first page must have the park logo with the word 'Back' underneath it. There is a copy of the logo on the disk.

This logo must be in the top right hand corner of the page.

The logo must always link back to the previous page.

When I have finished these sections I must test all the hotspots to make sure they go to the right pages.

Conversation between Bernie and Hannah

Hannah: Hi Bernie, I've got another job for you to do.

Bernie: What is it?

Hannah: Barry is responsible for marketing and wants some help with working out the cost of his latest idea. He plans to have a DVD made showing all the different attractions in the park. He is going to send this in a publicity pack (called a standard pack) to potential visitors who ask about the park. He also wants to send packs to various ticket agents who sell tickets for us. These packs will be different because they will contain some Lancre Park T-shirts as well.

Bernie: It all sounds a bit expensive. Has he any idea how much it will cost?

Hannah: He has got prices for everything needed. The cost of DVDs depends on the quantity we buy. Also there are some costs that will have to be paid however many packs we decide to send out.

Bernie: If you give me the prices, then I can build a system that will work out and print the cost of each type of pack.

Hannah: This is the list of costs. Can you make sure all these costs are shown?

Item	Cost
Filming for DVD	£3500 for all filming
Cost for first 1000 DVDs inc. delivery	£500 for 1000 DVDs
Extra DVDs inc. delivery	£0.40 each
Delivery of box of 100 T-shirts	£5.00
Leaflet and Poster set	£0.65
Postage for standard pack	£0.95
Extra postage for Ticket Agent pack	£1.80

T-Shirt costs

	Small	Medium	Large
Cost of T-shirts	£1.50	£1.75	£2.00
Cost of printing	£0.95	£0.95	£0.95
Cost of packaging	£0.20	£0.20	£0.20

Bernie: Can you tell me what will be in each pack?

Hannah: A standard pack for potential visitors will have the DVD and a leaflet and poster set. The pack for the Ticket Agent will have these items and three T-shirts; one small, one medium and one large size. Don't forget to include the cost of printing and packaging and include an amount for the delivery

cost per T-shirt. (There are 3 T-shirts in each Ticket Agent pack.)

Bernie: How will I work out the amount needed to cover the delivery cost of T-shirts?

Hannah: Delivery costs £5 for 100 T-shirts so just divide the cost by 100 for each T-shirt.

Bernie: Is there anything else I need to know?

Hannah: The minimum order we can make for DVDs is 1000 so please make sure that Barry can't have less than 1000 packs when you enter the total number of packs.

Bernie: I can make sure it is 1000 or more by using a validation rule.

Hannah: How will I know if it works?

Bernie: If you enter 999 it should fail but if you enter 1000 it should be accepted. What does Barry want to see?

Hannah: He wants to see the cost of making and sending one standard pack based on the number he has decided to send out.

Bernie: What about the Ticket Agent packs?

Hannah: Barry wants to know how much extra it will cost to make and send out a Ticket Agent pack instead of a standard pack. He will decide how many Ticket Agent packs to send so he will need to enter this data.

Bernie: Does Barry just want to know the cost of each type of pack?

Hannah: He actually wants to know how many people paying the full entry fee he will need to attract to cover the cost of this marketing idea. The number will need to be rounded up to ensure this.

Bernie: I should be able to work that out. The entry fee is £25 isn't it?

Hannah: Yes.

Bernie: What about the final answers?

Hannah: He wants to know the total cost of making and sending all the packs. He also wants to know the number of visitors he will need to attract to cover his costs. Can you make sure it produces the correct answers?

Turn over ►

Bernie: In order to ensure the system produces the correct answers I'll need to test my system by printing it out. Do you have any data I can use?

Hannah: I've worked out what it would cost for 1200 packs of which 50 are Ticket Agent packs.

Each standard pack would cost £5.00.

A Ticket Agent pack will cost an extra £10.65.

The total cost will actually be £6,532.50 and we will need to attract 262 visitors to cover the costs.

Bernie: Is there anything you want me to work out when I know my system works?

Hannah: Barry wants to know how much the total cost will be based on 1000 standard packs and no Ticket Agent packs.

He also wants to know the total cost based on 3000 packs of which 50 are Ticket Agent packs.

In addition, find out how many standard packs Barry could send out if he expects the maximum number of visitors to be 300 and there are no Ticket Agent packs.

Bernie: That should not be a problem.

Bernie's Notebook

Hannah wants me to make a system to let Barry work out and print the cost of his new marketing idea. It must produce the correct answers.

Barry must be able to change the number of packs he sends out but I must validate the total number of packs to make sure Barry works out the costs based on 1000 or more packs.

I must remember to test the validation of the number of packs Barry can enter. For example, he should not be able to enter 999 but must be able to enter 1000 packs.

I have got the costs of everything Barry will need and I must show them all.

I must remember that costs such as filming will have to be paid, however many DVDs Barry decides on.

I must be able to enter the number of standard packs and the number of Ticket Agent packs.

First I need to work out the cost of making and sending a standard pack.

Next I need to work out how much extra it will cost to make and send a Ticket Agent pack. The extra items are the T-shirts including printing and packaging and the cost per T-shirt of getting them delivered to us (3 T-shirts per pack). There is extra postage for a Ticket Agent pack.

Bernie's Notebook

After I have worked out the total cost of making and sending all packs, I also need to work out how many visitors Lancre Theme Park will need to cover all the costs. I must remember that the number of visitors has to be rounded up.

The system must produce a printout of the correct answers so when I have finished my system I must test it with the data Hannah has given me for 1200 packs of which 50 are Ticket Agent packs. I should find that each standard pack costs £5.00. A Ticket Agent pack will cost an extra £10.65. The total cost will be £6,532.50 and we will need 262 visitors to cover the costs.

The Lancre Theme Park also wants to know how much the total cost will be based on 1000 standard packs. They also want to know the total cost based on 3000 packs of which 50 are Ticket Agent packs.

They also want to know how many standard packs can be sent out if they expect the maximum number of visitors to be 300 and there are no Ticket Agent packs.

Conversation between Hannah and Bernie

Hannah: Hi Bernie, I've got something new for you to do. We have a record of the service history of the rides on disk. I need to get some A4 printed lists based on this data. The rides file contains the ride code, location, ride type, popularity, major service frequency in days and ride name.

Bernie: What do you want on the lists?

Hannah: I need to be able to get a list of all the rides of one type in order of location and then popularity so that we can arrange next year's major service programme. A major service takes a long time and we don't want them all shut down in the same area at the same time.

Bernie: Why do you need to know about popularity?

Hannah: I need to know how popular each ride is so I can schedule the maintenance for the most popular rides while the park is closed overnight. The higher the popularity number, the more popular the ride. The highest is 10 and the lowest is 0.

Bernie: Can't you just do them all in the winter when the park is closed?

Hannah: Everything is thoroughly checked in the winter, but the rides have to be checked more frequently. Basic checks are done every day and all the rides will need major services several times during the season.

Bernie: Should the list contain the location and the name of the ride?

Hannah: Yes, include the ride type at the top and it also needs the major service frequency for the ride. Remember, I only want one ride type on the list.

Bernie: How do I know which type the rides are? Their names don't help much.

Hannah: The type of ride is stored in the computer file.

Bernie: I'll need to test my system.

Hannah: If you print a list of coasters you should find Jungle Journey, Wild Mine Ride and Sandstorm in Adventure and The Pit and Merlin's Cave in Land of Mysteries and Monsters.
When you know your system works can you get a list of all the animated track rides?

Bernie: Yes, is that all?

Turn over ►

Hannah: No, I need another printed list as well. This one will be a bit more complicated because the data is in three different files. I want the list to show one ride name and its service records (service dates and comments) since a particular date, with the forename and surname of the person who did the service. The ride name should be at the top of the list.

Bernie: What is in each of the files?

Hannah: In addition to the ride file, there is a service file containing the service number, ride code, employee code, service date and comments. A further file of employees contains the employee code, surname and forename.

Bernie: OK, I'll need to test that my system works. Have you a list I can use for testing?

Hannah: Yes, I know that since 18th May 2007 The Pit which has ride code 3 has been serviced 4 times, by Abdul Patel on 22nd May, by Robert McDonald on 28th May, by Abdul Patel on 29th May and by Emma Benson on 31st May.

Bernie: I'll use that data for my test.

Hannah: When you know your system works, could you print for me a list for Flight to the Stars since 20th May 2007?

Bernie's Notebook

Hannah wants a printed list to show all the rides of one type in order of location and then popularity. I must remember that the highest popularity is 10 and the lowest is 0.

The list must show the location and the name of the ride. I must also include the major service interval. Don't forget to show the ride type at the top.

There must only be one type of ride on the list.

Hannah wants another printed list which must have the name of the ride at the top and then a list of its service records (service date and comments) since a particular date. It must show the forename and surname of the person who did the service.

Both lists will need testing. Hannah has given me some data for the two tests, which is included below.

For the first list, if I look for coasters I should find Jungle Journey, Wild Mine Ride and Sandstorm in Adventure and The Pit and Merlin's Cave in Land of Mysteries and Monsters.

For the second list, if I look for the service details for The Pit after 18th May 2007 I should find 4 service records, by Abdul Patel on 22nd May, by Robert McDonald on 28th May, by Abdul Patel on 29th May and by Emma Benson on 31st May.

When I know my system works I will print the lists that Hannah wants of all the animated rides for the first list and the Flight to the Stars ride since 20th May 2007 for the second list.

File List

The following files have been provided for you to use in solving the tasks. Your teacher will tell you where they are. Some of the files may have been imported into a database for you.

The contents of these files are shown on the following pages.

CSV and tab separated files

Rides

Service

Employees

Text files

The Dragon

Graphics files (all in jpg and gif format)

Composite

Pit

Dragon

Park logo

Park map

Land of Mysteries and Monsters map

Outline of Central Dome

CSV files

Rides

Ride Code	Location	Ride Type	Popularity	Major Service Frequency In Days	Ride Name
1	Water	River ride	7	30	White Water Rapids
2	Future	Simulator	5	30	Flight To The Stars
3	Mysteries	Coaster	10	21	The Pit
4	Mysteries	Animated track	8	30	Dragon's Lair
5	Water	Log flume	8	21	Timber Terror
6	Adventure	Coaster	7	21	Wild Mine Ride
7	Adventure	Coaster	8	30	Jungle Journey
8	Future	Wheel	6	30	Space Station
9	Mysteries	Animated track	5	30	Monsters of the Deep
10	Mysteries	Coaster	9	21	Merlin's Cave
11	Mysteries	Animated track	9	21	Haunted Manor
12	Water	Boat ride	3	60	Canoe Ride
13	Adventure	Coaster	5	21	Sandstorm
14	Adventure	Animated track	7	30	Lost in Time
15	Future	Bumper cars	6	30	Space Skippers
16	Future	Elevated cable	4	30	Sky Ride
17	Water	Animated track	7	30	Undersea World
18	Adventure	3D cinema	6	60	Arctic Experience
19	Adventure	Animated track	6	30	Monkey Trail
20	Future	Vertical rotating pods	8	30	Launch Pad
21	Water	Swinging ship	6	30	Pirate Ship
22	Future	Animated track	8	30	Alien Encounter

Service

Service No	Ride Code	Employee Code	Service Date	Comments
1056	2	2	01/05/2007	Brakes adjusted
1057	1	2	01/05/2007	Standard maintenance
1058	2	3	01/05/2007	Standard maintenance
1059	13	6	01/05/2007	Worn safety restraint replaced
1060	3	3	01/05/2007	Brakes adjusted and wheel replaced on rear car
1061	18	4	01/05/2007	Major service
1062	3	3	01/05/2007	Standard maintenance
1063	5	1	01/05/2007	Leak in channel repaired
1064	16	4	02/05/2007	Major service
1065	5	1	02/05/2007	Water pump maintenance
1066	5	5	02/05/2007	Standard maintenance
1067	11	5	02/05/2007	Station braking mechanism replaced
1068	8	1	02/05/2007	Standard maintenance
1069	4	5	02/05/2007	Standard maintenance
1070	19	1	02/05/2007	Brakes adjusted
1071	12	1	03/05/2007	Standard maintenance
1072	9	6	03/05/2007	Major service
1073	15	5	03/05/2007	Standard maintenance
1074	1	1	03/05/2007	Repairs to damaged raft
1075	13	1	03/05/2007	Standard maintenance

Turn over ►

Service No	Ride Code	Employee Code	Service Date	Comments
1076	6	5	04/05/2007	Car cleaned out
1077	17	2	04/05/2007	Model shark repositioned
1078	14	3	04/05/2007	Major service
1079	17	5	04/05/2007	Standard maintenance
1080	20	1	04/05/2007	Seat repair
1081	16	1	04/05/2007	Standard maintenance
1082	10	2	04/05/2007	Standard maintenance
1083	7	6	05/05/2007	Brakes adjusted
1084	21	1	05/05/2007	Standard maintenance
1085	20	2	05/05/2007	Standard maintenance
1086	14	6	05/05/2007	Lubrication
1087	11	3	05/05/2007	Standard maintenance
1088	7	5	05/05/2007	Brakes adjusted
1089	18	4	05/05/2007	Standard maintenance
1090	8	4	06/05/2007	Worn safety restraint replaced
1091	22	6	06/05/2007	Standard maintenance
1092	5	3	06/05/2007	Water flow adjusted
1093	19	5	06/05/2007	Standard maintenance
1094	13	1	06/05/2007	Dropped items retrieved
1095	6	2	06/05/2007	Standard maintenance
1096	21	2	07/05/2007	Ship floor cleaned
1097	14	2	07/05/2007	Standard maintenance
1098	19	4	07/05/2007	Major service
1099	9	6	07/05/2007	Brakes adjusted
1100	9	3	07/05/2007	Standard maintenance
1101	7	6	07/05/2007	Standard maintenance
1102	5	2	08/05/2007	Major service
1103	1	4	08/05/2007	Standard maintenance
1104	2	3	08/05/2007	Hydraulic systems checked
1105	13	4	08/05/2007	Lubrication
1106	2	6	08/05/2007	Standard maintenance
1107	3	3	08/05/2007	Standard maintenance
1108	14	4	09/05/2007	Safety bar lock adjusted
1109	5	5	09/05/2007	Standard maintenance
1110	20	1	09/05/2007	Major service
1111	8	4	09/05/2007	Standard maintenance
1112	20	4	09/05/2007	Braking system checked
1113	22	4	09/05/2007	Dropped items retrieved
1114	4	5	09/05/2007	Standard maintenance
1115	19	5	09/05/2007	Brakes adjusted
1116	3	6	10/05/2007	Major service
1117	12	1	10/05/2007	Standard maintenance
1118	10	1	10/05/2007	Dropped items retrieved
1119	15	5	10/05/2007	Standard maintenance
1120	6	1	10/05/2007	Track repair
1121	3	1	10/05/2007	Dropped items retrieved
1122	13	5	10/05/2007	Standard maintenance
1123	19	5	11/05/2007	Monkey model repaired
1124	18	2	11/05/2007	Seat cushion replaced
1125	17	2	11/05/2007	Standard maintenance

Service No	Ride Code	Employee Code	Service Date	Comments
1126	22	3	11/05/2007	Major service
1127	10	5	11/05/2007	Standard maintenance
1128	16	1	11/05/2007	Standard maintenance
1129	13	1	11/05/2007	Dropped items retrieved
1130	21	6	12/05/2007	Standard maintenance
1132	14	2	12/05/2007	Safety bar lock adjusted
1133	20	4	12/05/2007	Standard maintenance
1134	18	3	12/05/2007	Standard maintenance
1135	20	1	12/05/2007	Seat cushion replaced
1136	8	1	12/05/2007	Worn safety restraint replaced
1137	12	2	12/05/2007	Leaky canoe replaced
1138	21	5	13/05/2007	Safety bar lock adjusted
1139	6	1	13/05/2007	Standard maintenance
1140	7	4	13/05/2007	Track repair
1141	15	3	13/05/2007	Wheel fixed
1142	22	2	13/05/2007	Standard maintenance
1143	4	5	13/05/2007	Animated model adjusted
1144	19	6	13/05/2007	Standard maintenance
1145	13	2	14/05/2007	Major service
1146	9	3	14/05/2007	Standard maintenance
1147	14	4	14/05/2007	Standard maintenance
1148	7	6	14/05/2007	Standard maintenance
1149	15	3	14/05/2007	Damaged steering wheel replaced
1150	3	4	15/05/2007	Standard maintenance
1151	6	4	15/05/2007	Major service
1152	2	3	15/05/2007	Standard maintenance
1153	4	2	15/05/2007	Track repair
1154	1	6	15/05/2007	Standard maintenance
1155	17	1	16/05/2007	Major service
1156	5	4	16/05/2007	Standard maintenance
1157	15	5	16/05/2007	Wheel replaced
1158	8	5	16/05/2007	Standard maintenance
1159	4	4	16/05/2007	Standard maintenance
1160	1	5	17/05/2007	Raft repaired
1161	12	6	17/05/2007	Standard maintenance
1162	11	5	17/05/2007	Skeleton repositioned
1163	13	6	17/05/2007	Standard maintenance
1164	4	5	17/05/2007	Major service
1165	15	1	17/05/2007	Standard maintenance
1166	22	3	18/05/2007	Track repair
1167	10	2	18/05/2007	Standard maintenance
1168	16	3	18/05/2007	Standard maintenance
1169	17	5	18/05/2007	Standard maintenance
1170	11	1	18/05/2007	Major service
1171	21	2	18/05/2007	Lubrication
1172	21	1	19/05/2007	Standard maintenance
1173	20	2	19/05/2007	Standard maintenance
1174	11	3	19/05/2007	Standard maintenance
1175	18	4	19/05/2007	Standard maintenance

Service No	Ride Code	Employee Code	Service Date	Comments
1176	14	1	20/05/2007	Safety bar replaced
1177	22	2	20/05/2007	Standard maintenance
1178	22	5	20/05/2007	Dropped items retrieved
1179	19	3	20/05/2007	Standard maintenance
1180	20	6	20/05/2007	Lubrication
1182	6	4	20/05/2007	Standard maintenance
1183	7	2	21/05/2007	Standard maintenance
1184	10	3	21/05/2007	Major service
1185	9	6	21/05/2007	Standard maintenance
1186	14	4	21/05/2007	Standard maintenance
1187	1	6	22/05/2007	Major service
1188	3	2	22/05/2007	Standard maintenance
1189	2	3	22/05/2007	Standard maintenance
1190	5	2	22/05/2007	Water flow adjusted
1191	1	4	22/05/2007	Standard maintenance
1192	2	4	23/05/2007	Seat repair
1193	5	4	23/05/2007	Standard maintenance
1194	4	1	23/05/2007	Standard maintenance
1195	7	5	23/05/2007	Major service
1196	8	1	23/05/2007	Standard maintenance
1197	16	4	23/05/2007	Pylon checked and trapped rubbish removed
1198	12	1	24/05/2007	Standard maintenance
1199	2	6	24/05/2007	Major service
1200	13	5	24/05/2007	Standard maintenance
1201	20	5	24/05/2007	Torn padding replaced
1202	15	1	24/05/2007	Standard maintenance
1203	8	3	25/05/2007	Major service
1204	10	1	25/05/2007	Standard maintenance
1205	16	2	25/05/2007	Standard maintenance
1206	17	5	25/05/2007	Standard maintenance
1207	20	6	26/05/2007	Standard maintenance
1208	21	4	26/05/2007	Standard maintenance
1209	11	5	26/05/2007	Standard maintenance
1210	18	1	26/05/2007	Standard maintenance
1211	6	2	26/05/2007	Safety restraint repaired
1212	18	3	26/05/2007	Worn seating replaced
1213	6	1	27/05/2007	Standard maintenance
1214	17	5	27/05/2007	Lubrication
1215	22	2	27/05/2007	Standard maintenance
1216	19	3	27/05/2007	Standard maintenance
1217	21	2	28/05/2007	Major service
1218	9	4	28/05/2007	Standard maintenance
1219	7	3	28/05/2007	Standard maintenance
1220	14	6	28/05/2007	Standard maintenance
1221	3	4	28/05/2007	Brakes adjusted
1222	5	4	29/05/2007	Major service
1223	3	2	29/05/2007	Standard maintenance
1224	2	3	29/05/2007	Standard maintenance

Service No	Ride Code	Employee Code	Service Date	Comments
1225	1	6	29/05/2007	Standard maintenance
1226	8	1	30/05/2007	Standard maintenance
1227	15	5	30/05/2007	Major service
1228	5	4	30/05/2007	Standard maintenance
1229	4	1	30/05/2007	Standard maintenance
1230	3	6	31/05/2007	Major service
1231	13	1	31/05/2007	Standard maintenance
1232	12	5	31/05/2007	Standard maintenance
1233	22	1	31/05/2007	Brakes adjusted
1234	15	5	31/05/2007	Standard maintenance
1235	7	1	31/05/2007	Track repair

Employees

Employee Code	Surname	Forename
1	Smith	Michael
2	Patel	Abdul
3	Parry	Louise
4	McDonald	Robert
5	Crane	Patrick
6	Benson	Emma

Text files

The Dragon

The Dragon's Lair

Transported in the shell of a giant dragon egg you will meet the dragons as you ride through their dark domain. Feel the heat as they breathe fire and roar. The dragons are not the only creatures here. Giant bats and spiders are ready to pounce. Huge snakes rise from their hiding places.

Ride Details

Ride length 800m

Drops 7

Maximum drop 5m

Shell swings from side to side

Animated displays, sounds and effects throughout the ride

A ride for all the family

Turn over ►

Graphics Files

Composite



Park logo



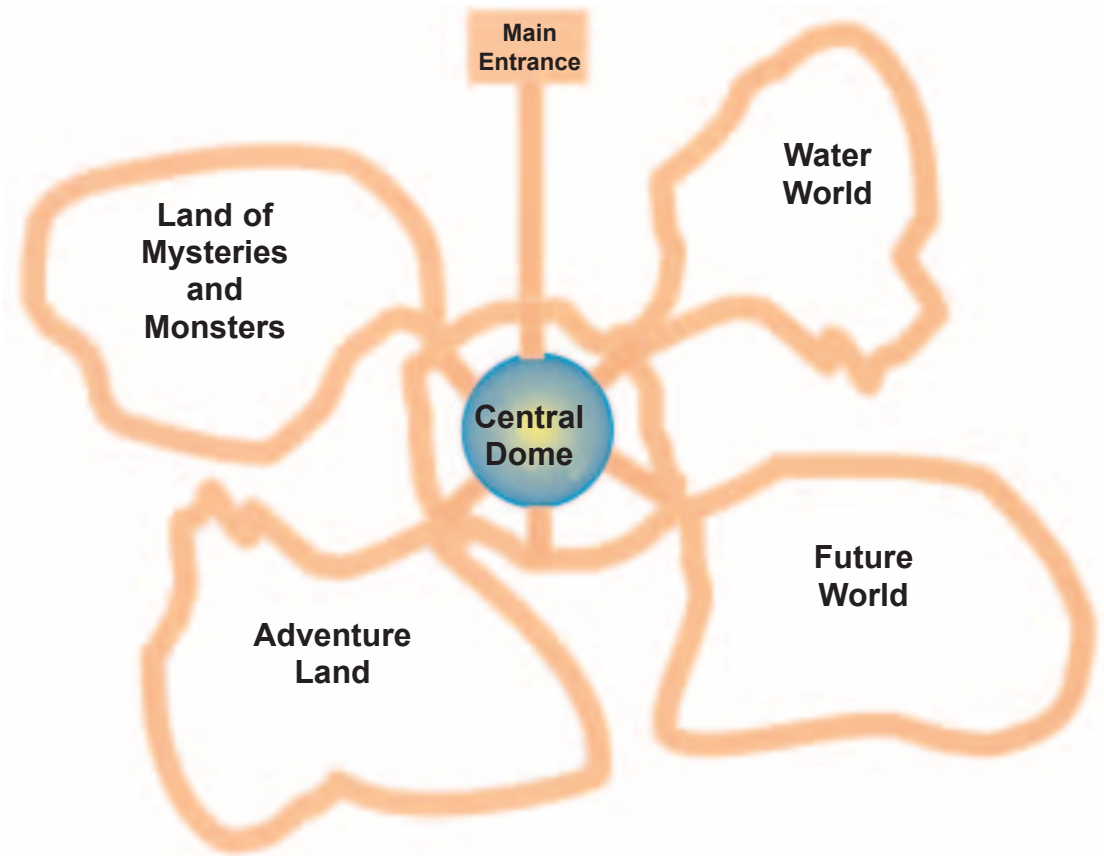
Dragon



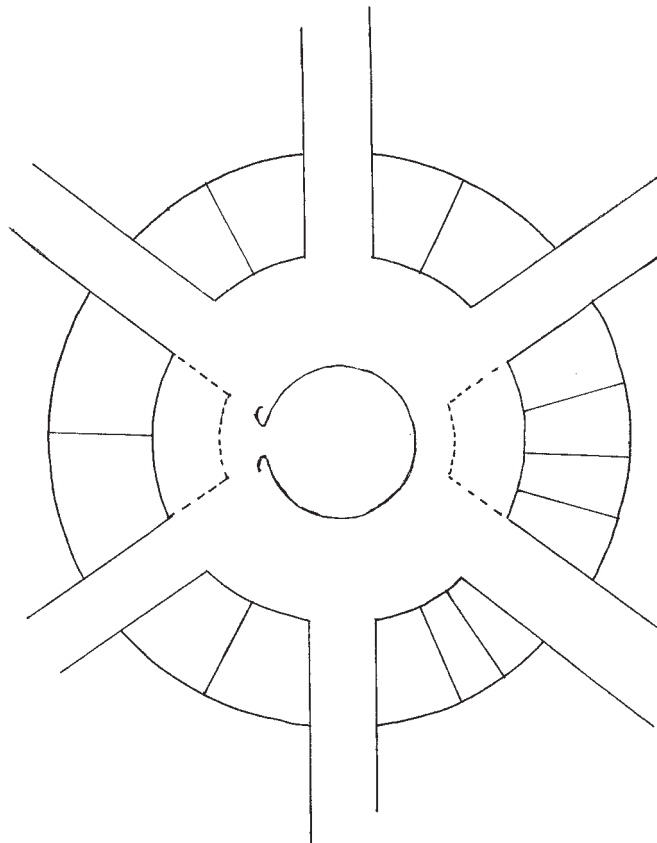
Pit



Park map

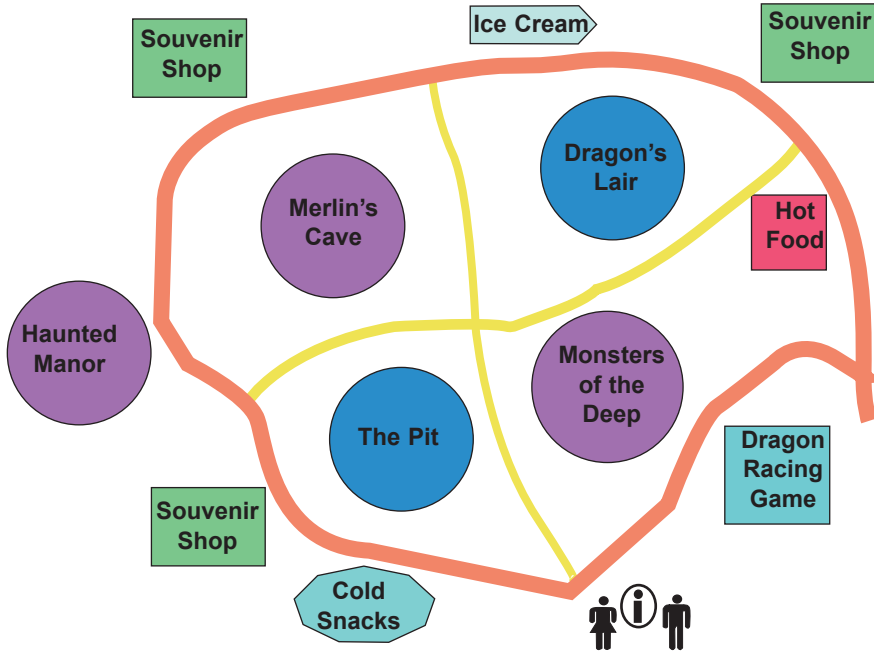


Outline of Central Dome



Turn over ▶

Land of Mysteries and Monsters map



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Dr Michael Cresswell Director General.

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