



LUNAR THEME PARK



The year is 2050. Man is now living on the moon and you have decided to open the first lunar theme park in history.

Your spending limit is £500 000

- You must decide what sort of rides you want. You also need to include other facilities that the visitors will need e.g. Toilets, Cafes, Shops and Paths between all the facilities and rides.
- You may want to have themes for different sections of your park.

SECTION 1 – Set up your theme park

Your spending limit is £500 000. Design and draw your theme park on square paper. You must not go over your spending limit and you must have car parks, toilets, paths to connect all the items, cafes and shops for your visitors as well as rides.

Item	Number of Squares	Cost
Major Ride	9	£50 000
Minor Ride	6	£20 000
Cafe	4	£10 000
Shop	4	£7 000
Vending Machine	1	£500
Toilets	4	£1000
Paths	5	£200
Lake	1	£5000
Car Park	1	£500

SECTION 2 – Running your theme park

To run your theme park the following costs will apply each day to each item.

OPENING COSTS			
Item	Staff Costs	Electricity/Maintenance/ Repairs	Total Cost Per Day
Major Ride	£50	£60	£110
Minor Ride	£40	£40	£80
Cafe	£30	£20	£50
Shop	£20	£20	£40
Toilet	£5	£5	£10

Item	Cost for one per day	Tally	Frequency	Total Cost Per Day
e.g. Major Ride	£110		4	4 x £110 = £440
Major Ride	£110			
Minor Ride	£80			
Cafe	£50			
Shop	£40			
Toilet	£10			



SECTION 3 – Decided on a price per person to enter your theme park

You must make it cheap enough to attract visitors but enough to make a profit. (Use your answers from section 2 to help decide on a reasonable price.)

Decide on your price and enter £_____

Day	Number of Visitors	Total Admission Revenue	Day	Number of Visitors	Total Admission Revenue
1	224		16	854	
2	132		17	375	
3	264		18	855	
4	398		19	964	
5	433		20	433	
6	253		21	275	
7	176		22	843	
8	157		23	1108	
9	524		24	423	
10	732		25	2867	
11	523		26	3853	
12	689		27	7443	
13	396		28	8465	
14	265		29	7423	
15	198		30	9426	



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SECTION 4 – Profit and Loss

Each visitor to your theme park will spend;

- £5 at each cafe you have
- £3 at each shop you have

Work out your total profit from the Total Admission Revenue (TAR) from section 3, cafes and shops. Then take away your total costs that you have already worked out in section 2 and find your profit or loss for each day.



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Day	Income			Total (1)	Total Costs (2)	Profit (1 - 2)
	TAR	Cafe	Shop			
1						
2						
3						
4						
5						
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SECTION 5 - Advertising

You have to decide on the type of advertising you want to use to promote your theme park. The costs of the different types are given below.

Method	Leaflet	Radio	TV
Cost	£10 000	£15 000	£30 000
Extra visitors per month	100	150	200

Design your advert and place it in your pack ready to hand to your new form tutor in Year 7.

Work out the total extra profit you will get from your advertising given the number of extra visitors your advert will bring in.