

Paradise Studios and Apartments, Palma, Majorca

Prices per person. Child – age between 2 and 16 years (inclusive). For infant under 2 years, *total* charge £50

Price based on	o, 2 adults sl	, 2 adults sharing		Apartment, 3 adults sharing			Add	
Holiday Number	SH2415			SH2416			Booking	£20 UK
Board	S	Self Catering	elf Catering		Self Catering		Bonus per	departure
Departure Date	Ad	ult	ult 1 st Child		Adult		party (before	tax per
on or between	7 nights	14	7/14	7	14	7/14	1 st March)	person
01 May – 07 May	269	285	9	225	239	9	- £40	Other
08 May – 14 May	279	295	19	235	249	19	- £40	Children
15 May – 21 May	299	325	29	255	269	29	- £40	pay
22 May – 28 May	309	345	49	275	289	49	- £50	1 st child
29 May – 04 Jun	365	369	99	319	325	99	- £50	price plus
05 Jun – 25 Jun	319	355	69	285	319	69	- £50	£50 per wk
26 Jun – 02 Jul	329	365	79	295	329	79	- £50	Prices
03 Jul – 09 Jul	349	395	99	315	339	99	- £50	based on
10 Jul – 16 Jul	369	405	109	325	369	109	- £50	Wed
17 Jul – 23 Jul	389	455	139	345	399	139	- £60	flights
24 Jul – 06 Aug	399	465	149	355	409	149	- £60	from
07 Aug – 13 Aug	395	460	149	335	399	149	- £60	Gatwick
14 Aug – 20 Aug	385	450	139	329	389	139	- £50	For flight
21 Aug – 27 Aug	349	395	139	315	349	139	- £50	supple-
28 Aug – 03 Sep	329	385	99	295	319	99	- £50	ments from
04 Sep – 10 Sep	309	325	89	275	289	89	- £50	other
11 Sep – 24 Sep	299	315	79	265	279	79	- £50	airports see
25 Sep – 01 Oct	279	299	9	255	275	9	- £40	table
02 Oct – 22 Oct	259	279	39	245	269	39	- £40	below
23 Oct – 31 Oct	299	309	99	265	265	99	- £40	
Low Occupancy Supplements			Apartmen	nts	Low	Med	lium	High
(per p	ht) When	only 2 adul	ts in party	£12	£14	1	£16	
applies only to apartments When only 1 adu			lt in party	£24	£26	<u>.</u>	£28	
	1/5 - 28/5	29/5 -	- 23/7	24/7 - 27/8				
	25/9 - 31/	10 28/8 -	- 24/9					

Maximum Occupancy (excluding infants) Studios 4 people Apartments 6 people





Supplements per person, including children but excluding infants

		Low Season	Medium Season	High Season
Airport	Dav	1/5 - 28/5, $25/9 -$	29/5 - 23/7, $28/8 -$	24/7 - 27/8
Port	2 45	31/10	24/9	
Gatwick	Wed	-	-	-
	Sat	£5	£8	£10
Manchester	Wed	£28	£32	£43
	Sat	£35	£39	£49
Birmingham	Wed	£15	£24	£35
_	Sat	£18	£28	£39
Newcastle	Wed	£31	£35	£37
	Sat	£33	£38	£41
Glasgow	Wed	£40	£45	£50
	Sat	£44	£49	£56

Remember to add £20 UK departure tax per person.



Sunshine Holidays have negotiated travel insurance with a reputable financial company. Brief details are given below. Full details available on request.

Summary of Cover (maximum amo	unts)	Premiums (including children and infants)		
Cancellation	£5 000	Duration of Holiday	Premium per person	
Personal Accident	£30 000	1 to 5 days	£15	
Hospital Charges	£600	6 to 10 days	£21	
Baggage Loss/Delay	£1 500	11 to 20 days	£32	
Other Emergencies	£5 000	21 to 60 days	£40	



A Resource for Free-standing Mathematics Units

Have a Holiday





Please enter details for your holiday and all passengers in your party.

Holiday Number	Airport
Departure Date	No. of Nights

Title	Surname	Initials	Age on day	Basic Cost of	Flight	Departure	Insurance	Total Cost
			of travel	Accommodation	Supplement	Tax		for passenger
			Total					
		-				Low Occupancy	Supplement	
						Early Booking	Bonus	
						Total Cost of	Holiday	
	Required Deposit	£50	per person				Deposit	
	Balance due	8	weeks before	departure			Balance	

3



Have a Holiday

A Resource for Free-standing Mathematics Units







Assignment

Imagine that you have £2 000 to spend on a holiday for yourself and your family or a few friends. This assignment requires you to work out the cost and fill in a booking form for one or more holidays.

Sunshine Holidays

The data sheet gives the information you need to book a holiday to the Paradise Studios and Apartments in Majorca.

- 1. Decide a) who you would like to take with you
 - b) how long the holiday should last
 - c) when you would like to go on holiday
 - d) which type of accommodation you would prefer
 - e) from which airport you would like to fly.
- 2. Complete the booking form and find the total cost of the holiday, assuming you qualify for the Early Booking Bonus.

Show separately and clearly any calculations you carry out to help you complete the booking form. Check all your calculations.

- 3. Work out the total deposit for your party. Find also the balance outstanding and the date by which it would have to be paid.
- 4. Does the £2 000 cover the cost of the holiday? If so, how much money would you have left? If not, how much extra money would you need?
- 5. What percentage of the total cost of the holiday is due to a) holiday insurance

 - b) flight supplements, including departure tax?

6. Comment on your findings.

A Holiday of Your Choice

What type of holiday would you really like? Go to a travel agent and collect brochures including the types of holidays you prefer. Decide on a holiday and fill in the booking form. Calculate the cost of the holiday, showing your working clearly. Comment on your findings.

Comparing Holidays

When deciding on a holiday people usually compare costs before coming to a final decision. Carry out one of the following comparisons:

- a) Compare the cost of the same holiday in high and low season.
- b) Compare the cost of similar holidays in two different brochures.
- c) Compare the costs of two different types of holiday.



Sample Questions

Use the Sunshine Holidays Data Sheet

The Jones Family	
Name	Age
Bill (Father) – Party Leader	46
Betty (Mother)	42
Sam (Son)	15
Joanne (Daughter)	13

The table opposite gives the details of one family who wish to book a *14 night* holiday at the *Paradise Apartments* starting on *Saturday 31 July*.

Write dov	wn the <i>basic cost of accommodation</i> for:
(i)	Bill
(ii)	Betty
(iii)	Sam
(iv)	Joanne
Is the hol	iday in Low, Medium or High Season?
Find the 1	total cost of the <i>low occupancy supplement</i> for the Jones family.
Calculate	the total cost of accommodation for the Jones' family holiday.
	Write dov (i) (ii) (iii) (iv) Is the hol Find the the Calculate



2	The Jones family decides to fly from <i>Birmingham Airport</i> on <i>Saturday 31 July</i> . Find the total cost for the family of:	
a	the flight supplements	
b	the UK departure tax	
3	Find the total cost of <i>Insurance</i> for the Jones family.	
4	The Jones family book their holiday on 2 nd February. State their <i>Early Booking Bon</i>	us.
		-



holiday.
Find, for the Jones family, the cost of insurance as a percentage of the total cost of the
holiday.



7 Joanne Jones uses the spreadsheet below to calculate the total cost of *accommodation* for the family's holiday, including the Early Booking Bonus.

	Α	В	С	D
1	Title	Surname	Forename	Basic Cost
2	Mr	Jones	William	
3	Mrs	Jones	Betty	
4	Mr	Jones	Sam	
5	Miss	Jones	Joanne	
6			Total Basic Cost	
7			Early Booking Bonus	
8			Low Occupancy Supplement	
9			Total Accommodation Cost	

- **a** Which of these formulae could go in cell D6 to find the total basic cost? Tick any that are correct.
 - (i) =D1+D2+D3+D4+D5 (ii) =D2+D3+D4+D5 (iii) =2*D2+D4+D5 (iv) =SUM(D1:D5)
- **b** Which of the following spreadsheet formulae could go in cell D9 to find the total accommodation cost? Tick any that are correct.
 - (i)
 =D6-D7+D8

 (ii)
 =D6+D7-D8

 (iii)
 =D6-D7-D8

 (iv)
 =D6+D7+D8



Have a Holiday

Teacher Notes

Which Free-Standing Unit does this support?

Foundation Level - Managing Money

Evidence for Coursework Portfolio

The assignment can be used to satisfy the requirement to complete an order form. Students should find, on their own, the relevant information and show separately and clearly any necessary calculations.

What students need to know

- How to calculate with money (pounds only)
- How to calculate with dates
- How to check calculations by rounding values
- How to work out percentages
- How to use spreadsheets

General Notes and Suggestions

The Have a Holiday package includes Sunshine Holidays data sheets (pages 1 - 3), a discussion sheet (page 4), an assignment (page 5) and some sample examination questions (pages 6 - 9).

The discussion sheet and/or the Sunshine Holidays Section of the assignment could be used to introduce the topic. Note that the data sheets are complex, covering many of the items involved in booking a holiday. Foundation level students may need a lot of help.

The booking form can be completed using the Excel file, Have a Holiday Booking Form.xls. It will be necessary to reduce or extend it (depending on the number of passengers) and enter prices, supplements, discounts and spreadsheet formulae. Alternatively, the booking form could be completed by hand.

The last two sections of the assignment are open-ended, requiring students to provide their own brochures.

The sample examination questions, based on the same data sheet, can be used for practice.



Answers to Sample Questions

1.	a	(i) £409	(ii) £409	(iii) £149	(iv) £249
	b	High	c £224	d £1440	
2	a	£156	b £80		
3	£	128			
4	£	60			
5	£	1744			
6	7	.3% (to 2 si	gnificant fig	ures)	
7	a	(ii) =D2+l	D3+D4+D5	b (i) =D6	-D7+D8

The spreadsheet version of the booking form has been completed for the Jones family holiday. The result is given below. It could be used as an example or an exercise for students.

Holiday Number	SH2416	Airport	Birmingham
Departure Date	31-Jul	No. of Nights	14

Title	Surname	Initials	Age on day	Basic Cost of	Flight	Departure	Insurance	Total Cost
			of travel	Accommodation	Supplement	Tax		for passenger
Mr	Jones	W	46	409	39	20	32	500
Mrs	Jones	В	42	409	39	20	32	500
Mr	Jones	S	15	149	39	20	32	240
Miss	Jones	J	13	249	39	20	32	340
			Total	1216	156	80	128	1580
		-				Low Occupancy	Supplement	224
						Early Booking	Bonus	60
						Total Cost of	Holiday	1744
	Required Deposit	£50	per person				Deposit	200
	Balance due	8	weeks before	departure			Balance	1544

