

# GCSE Business and Communication Systems

## INTEGRATED TASK – Pop Group!

You recently discovered a new all-girl pop group called “PRANCE”. It is your job to promote them using all your ICT skills and knowledge.

### (1) TASK ONE – POSTER

Several concerts have been organised in order to provide publicity for PRANCE. You need to design a poster to advertise their latest concert. Include the following information:

- The name of the group
- Venue: The International Arena, Cardiff
- Date: 20<sup>th</sup> December this year
- Time: 7pm start
- Price of ticket: £10
- Use suitable clipart and a catchy slogan.



Remember, you want to attract people to come to the concert!

### (2) TASK TWO – SPREADSHEET

PRANCE have already played a few concerts around the country. The following spreadsheet gives information about the group’s income from tickets, income from selling CDs at the concert and income from selling their T-shirts.

Venue	Income from tickets (£)	Income from CDs (£)	Income from T Shirts (£)
Aberdeen	2500	325	280
Glasgow	2250	100	100
Nottingham	3100	390	400
Leeds	3000	290	150
Liverpool	2750	250	250
Bristol	3680	400	365
Plymouth	1500	125	100

- Using a spreadsheet package put a suitable heading in cell A1 and insert the data from the table above into your spreadsheet.
- Add a column after “Income from T Shirts” to calculate TOTAL INCOME from each venue.
- Add another column showing the AVERAGE income from each of the venues.
- Put your name and form as a HEADER and print two copies of your work – one showing the VALUES (£) and the other showing the FORMULAE that you used.
- Create a bar graph showing income from TICKETS for each venue above. Print your work.
- Create a pie chart, with a legend, showing the income from CD’s for each venue and each section labelled with the value of the income.

### (3) TASK 3 – DATABASE

PRANCE is becoming successful and you want to start up a fan club. Using a database package, copy the following field names and data:

Surname	Initial	Membership Number	Date of Birth	Sex	E-mail
Morris	M	101	03/07/1992	F	Morris@cheapserve.co.uk
Harries	D	104	14/10/1986	F	Harries@crazytalk.co.uk
Dunn	J	107	09/09/1987	F	
Jones	O	108	16/06/1991	M	
Smith	G	103	15/12/1987	M	
Adams	W	110	27/11/1991	F	Adams@cheapserve.co.uk
Wright	E	112	14/03/1989	F	
Rees	C	113	30/04/1988	M	Rees@cheapserve.co.uk
Friend	A	114	19/08/1993	F	
Cutler	R	111	15/09/1992	F	
Owen	B	109	23/01/1990	M	
Davies	F	102	01/01/1986	F	Davies@crazytalk.co.uk
Evans	H	106	29/08/1987	M	
Price	J	105	04/04/1992	F	Pricey@crazytalk.co.uk

- (i) Sort the database in alphabetical order of SURNAME.
- (ii) Put your name and form as a HEADER and PRINT.
- (iii) Search for all females born after 1 Jan 1990. Put them in ascending order of Membership number.
- (iv) Print your work showing only the Surname, Membership Number and Date of Birth fields.

### (4) Task 4 – MEMO

Write a Memo to Suzanne Beale, your office manager, making the following points:

- Suggest two additional FIELDS that would be useful in the above database. Remember this information relates to fans of PRANCE.
- Suggest two different ways you could communicate with the fans to let them know about future concerts and news about the band.

