

Continuing Professional Development

GCSE ICT (4520)

Successful teaching of Unit 3: Practical Problem Solving in ICT

Pre-Course Task

Problem 2

Create and **bring with you** a simple model, appropriate to GCSE students, to identify the different costs for students going to a school prom. Using these costs (suggestions overleaf), produce a model to calculate the cost for each student.

During the CPD course, the model will be used to investigate how the organiser can keep the overall cost for each student within a certain amount.

Need to include:

The cost of different 'things' that are needed at the school Prom

Need to be able to calculate:

Total for each thing

Overall total

Cost per student

Sample data sheet (partial)**School Prom**

There are several details which may be needed in managing the costs of the Prom, such as the hotel chosen, the meal type, transport costs, room hire, music, etc. The organiser wants to keep the overall cost per student below £35, which was the cost last year. The maximum number that the hotel can accommodate is 250 students and teachers. The list below isn't exhaustive.

Travel Costs

Return travel by coach/bus/'limo' depends on number of students going.

Coach hire	
16 seater minibus	£150.00
28 seater small coach	£225.00
35 seater coach	£275.00
12 seater 'limo'	£125.00

Dinner

There are different menus for dinner at the venue. All menus include a vegetarian option.

Dinner	
Menu 1 (main and dessert)	£13.50
Menu 2 (main, dessert and welcome 'non alcoholic' drink)	£15.50
Menu 3 (three course limited choices)	£21.50
Menu 4 (three course open choices)	£24.50

Room hire

Rooms available at the hotel

Rooms	
Ballroom (250 maximum)	£250.00
Royal function room (220 maximum)	£175.00
Honours Function room (180 maximum)	£150.00

Music

Music to accompany the Prom meal and dancing afterwards

Music	
Hotel in-house music system	£70.00
Hotel DJ	£150.00
External DJ	£175.00
Local band	£200.00