

Public Services – Stewarding Events



Name _____

Date _____



The Bestival Music Festival is looking for additional stewards for their 2014 Festival. The festival lasts for four days with 6 areas where music and other activities take place and a total of 11 public camping fields. The organisers are expecting 60,000 people at this year's event and would like to have a steward to visitor ratio of 1:75

How many stewards must they recruit? _____

Stewards will be split into four groups. How many stewards will be in each group if the ratio of staff is 1:2:3:4 as shown below. **Complete the table.**

	Gates	Fire Towers	Venues and stages	Response Units
	1:	2:	3:	4
No. of staff				

You are promoted to the role of supervisor for the team of stewards responsible for the Magic Meadow venue. The line-up for the bands on Friday evening and the length of their sets are:

- Bombay Bicycle Club 47 minutes
- The Flaming Lips 1 hour and 10 minutes
- Belle & Sebastian 50 minutes
- Hot Natured 20 minutes
- Squarepusher 33 minutes
- Ghostpoet 50 minutes
- The Wonder Stuff 45 minutes

How long will all the sets take? _____ hrs _____ minutes

Bombay Bicycle club start their performance at 19:00. Allowing for a 5 minute set change between each act, **write a time plan for the evening's entertainment.**

Band name	Start time	Finish time

Public Services – Stewarding Events



Name _____

Date _____



There are five stewards in your team (Kim, Tony, Ria, Amanda and Sophie) plus you. You need to work out a rota for the shift, which starts at 18:00 and finishes at 02:00.

The rules are as follows:

- There are four areas, which your team need to cover in two-hour slots –
- There must be two people checking wristbands and two people manning the music stage
- Lost Property and First Aid only need one person each.
- Everyone in the team needs to work the same number of hours and **they can** man a stand more than once but:
 - Amanda cannot work on the First Aid stand because she is frightened of blood,
 - Kim cannot work on the music stage as it might damage her hearing and
 - Tony keeps losing the Lost property so it is not a good idea for him to work on that stand.
- Don't forget to include yourself

Create a rota below.

Time	Checking wristbands	First Aid stand	Music stage	Lost property
18:00 – 20:00				
20:00 – 22:00				
22:00 – 00:00				
00:00 – 02:00				



Public Services – Stewarding Events



Answers

How many stewards must they recruit? $60\,000 / 75 = 800$

Stewards will be split into four groups. How many stewards will be in each group if the ratio of staff is 1:2:3:4 as shown below. **Complete the table.**

Ratio of 1:2:3:4 is 10 parts altogether, so one part = $800 / 10 = 80$. 2 parts = $2 \times 80 = 160$, etc. etc.

	Gates	Fire Towers	Venues and stages	Response Units
	1:	2:	3:	4
No. of staff	80	160	240	320

- Bombay Bicycle Club 47 minutes
- The Flaming Lips 1 hour and 10 minutes
- Belle & Sebastian 50 minutes
- Hot Natured 20 minutes
- Squarepusher 33 minutes
- Ghostpoet 50 minutes
- The Wonder Stuff 45 minutes = 315 minutes = 5 ¼ hours

How long will all the sets take? 5 hrs 15 minutes [5hrs 45 minutes including 5 minute set changes].

Band name	Start time	Finish time
Bombay Bicycle Club	19:00	19:47
The Flaming Lips	19:52	21:02
Belle & Sebastian	21:07	21:57
Hot Natured	22:02	22:22
Squarepusher	22:27	23:00
Ghostpoet	23:05	23:55
The Wonder Stuff	00:00	00:45

Create a rota.

One possible answer below – others are acceptable, provided the conditions above are met.

Time	Checking wristbands	First Aid stand	Music stage	Lost property
18:00 – 20:00	Amanda & Kim	Sophie	Tony & Ria	You
20:00 – 22:00	Ria & Tony	You	Amanda & Sophie	Kim
22:00 – 00:00	Sophie & Tony	Kim	Ria & You	Amanda
00:00 – 02:00	You & Kim	Ria	Tony & Amanda	Sophie