

		Idea #1: bike		Idea #2: Car		Idea #3: Bus		Idea #4: Walking/Running	
Design Characteristic	Weight	score	weighted score	score4	weighted score6	score2	weighted score3	score3	weighted score4
safe	7	1	21	9	63	5	35	3	21
affordable	10	9	90	1	10	9	90	10	100
time-efficient	4	2	8	8	32	6	24	4	16
environmentally responsible	1	8	8	1	1	1	1	10	10
Totals:		sum:	127	sum:	106	sum:	150	sum:	147

Busing is the most affordable and the cheapest option, and as a result is the most ideal for the person's preferences laid out in the Pair Wise Table

PairWise Decision	Safety	Affordability	Time-Efficient	Environmentally Responsible
Safety	****	0	1	1
Affordability	1 ****		1	1
Time-Efficient	0	0 ****		1
Environmentally Responsible	0	0	0 ***	

Total	Weight
2	7
3	10
1	4
0	1