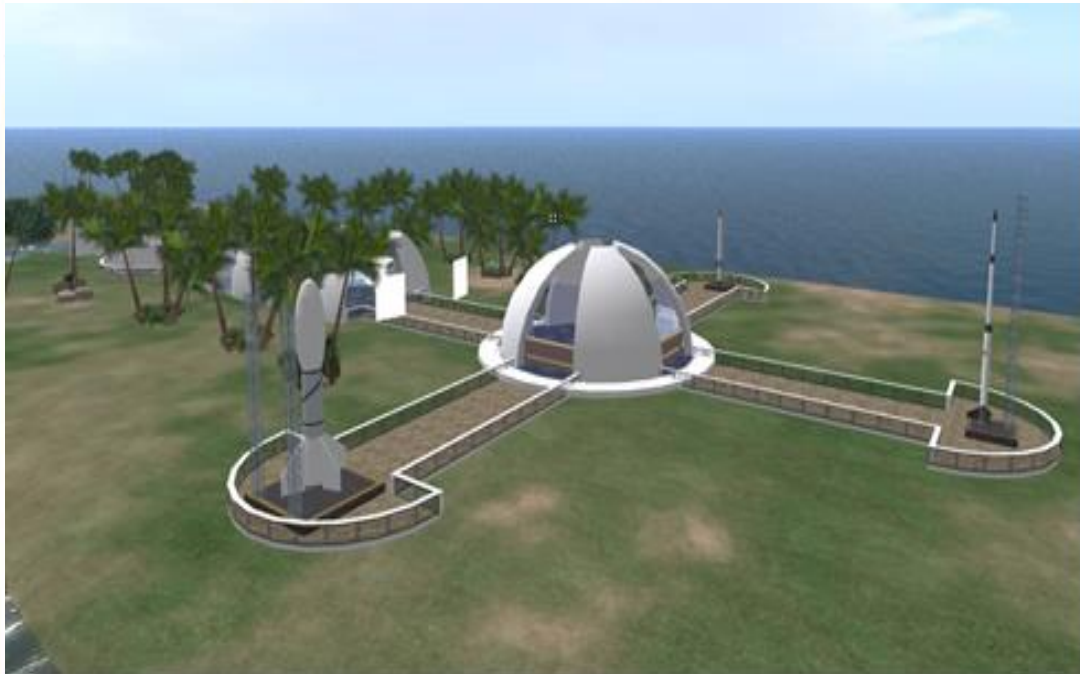




Only Rocket Science Project 2015

*Foundation Degree
Yr1/2*



Student Feedback Only Rocket Science Virtual World Project 2015-16

Foundation Degree Yr1, 2

The project theme for the academic year 2014-15 was Rocket Science, where students were required to produce a desktop program capable of modelling the flight of a single stage rocket. Learning and assessment for the project would take place in the virtual world using interactive simulations in the highly collaborative social environment of OpenSim.

On the following pages I have included the results of a Moodle questionnaire completed by the students.

The questions I used here represent a subset of those contained in an original student survey produced by Tanya Joosten, Learning Technology Centre, Department of Communication, University of Wisconsin-Milwaukee.



Virtual World Project Survey

1.

Using the virtual world was fun and exciting

Response	Average	Total
neither agree or disagree	7%	1
agree partially	47%	7
agree completely	47%	7
Total	100%	15/15

2.

Using the virtual world was a waste of time

Response	Average	Total
disagree completely	53%	8
disagree partially	27%	4
neither agree or disagree	20%	3
Total	100%	15/15

3. I would avoid classes using a virtual world in the future

Response	Average	Total
disagree completely	67%	10
disagree partially	20%	3

neither agree or disagree	 13%	2
Total	 100%	15/15

4.

I found that working in a virtual world was an absorbing experience

Response	Average	Total
disagree partially	 7%	1
neither agree or disagree	 20%	3
agree partially	 47%	7
agree completely	 27%	4
Total	 100%	15/15

5. Working in a virtual world is an enriching experience

Response	Average	Total
disagree partially	 7%	1
neither agree or disagree	 7%	1
agree partially	 47%	7
agree completely	 40%	6
Total	 100%	15/15

6. Working in a virtual world held my attention

Response	Average	Total
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disagree partially	 7%	1
agree partially	 53%	8
agree completely	 40%	6
Total	 100%	15/15

7. Using a virtual world opened my imagination

Response	Average	Total
disagree completely	 7%	1
disagree partially	 7%	1
neither agree or disagree	 27%	4
agree partially	 13%	2
agree completely	 47%	7
Total	 100%	15/15

8. I would not recommend using a virtual world to a friend

Response	Average	Total
disagree completely	 40%	6
disagree partially	 27%	4
neither agree or disagree	 20%	3
agree partially	 7%	1

agree completely	 7%	1
Total	 100%	15/15

9. The virtual world was boring

Response	Average	Total
disagree completely	 40%	6
disagree partially	 33%	5
neither agree or disagree	 20%	3
agree completely	 7%	1
Total	 100%	15/15

10. I would take another course that made use of virtual worlds

Response	Average	Total
neither agree or disagree	 13%	2
agree partially	 40%	6
agree completely	 47%	7
Total	 100%	15/15

11. Using a virtual world helped me to think more deeply about the course material

Response	Average	Total
disagree partially	 7%	1
neither agree or disagree	 7%	1

agree partially	 27%	4
agree completely	 60%	9
Total	 100%	15/15

12. The virtual world helped me to better understand concepts

Response	Average	Total
disagree partially	 13%	2
agree partially	 33%	5
agree completely	 53%	8
Total	 100%	15/15

13. I was engaged in the the virtual world learning experience

Response	Average	Total
disagree partially	 7%	1
neither agree or disagree	 7%	1
agree partially	 33%	5
agree completely	 53%	8
Total	 100%	15/15

14. Virtual world activities were not challenging

Response	Average	Total
disagree completely	 20%	3

disagree partially	7%	1
neither agree or disagree	40%	6
agree partially	27%	4
agree completely	7%	1
Total	100%	15/15

15. I understood all components the virtual world activities

Response	Average	Total
agree partially	33%	5
agree completely	67%	10
Total	100%	15/15

16. The objectives for my virtual world exercise were clearly defined

Response	Average	Total
disagree partially	7%	1
neither agree or disagree	7%	1
agree partially	20%	3
agree completely	67%	10
Total	100%	15/15

17. The virtual world was beneficial to my learning

Response	Average	Total
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neither agree or disagree	 7%	1
agree partially	 40%	6
agree completely	 53%	8
Total	 100%	15/15

18. I liked using the virtual world as part of my course

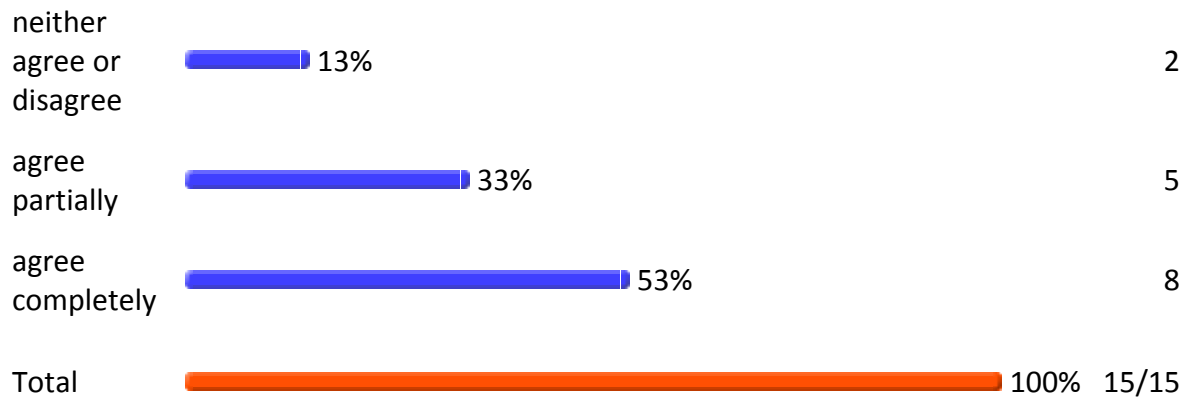
Response	Average	Total
neither agree or disagree	 7%	1
agree partially	 40%	6
agree completely	 53%	8
Total	 100%	15/15

19. I received support prior to starting my virtual world activity

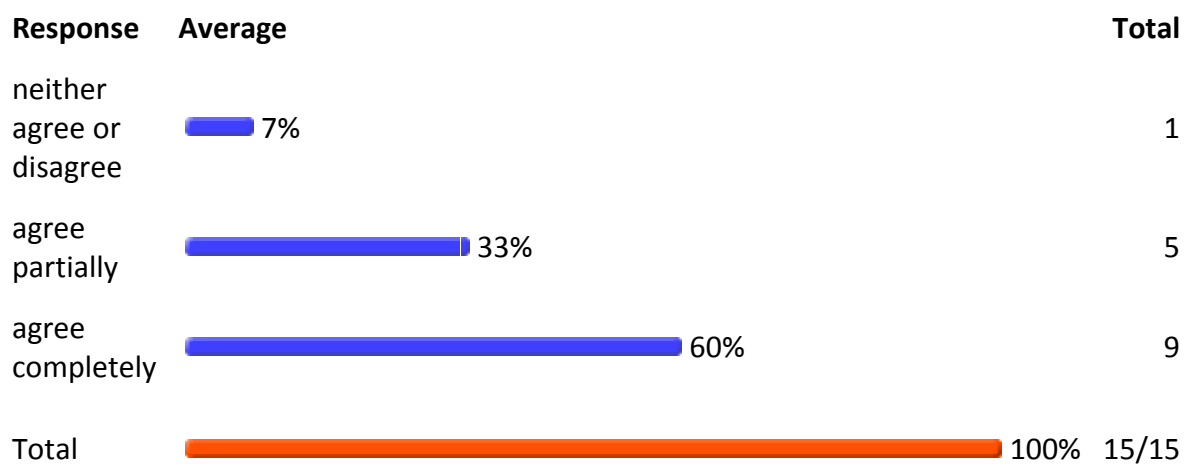
Response	Average	Total
disagree completely	 7%	1
neither agree or disagree	 13%	2
agree partially	 20%	3
agree completely	 60%	9
Total	 100%	15/15

20. I had adequate support in completing my virtual world activity

Response	Average	Total
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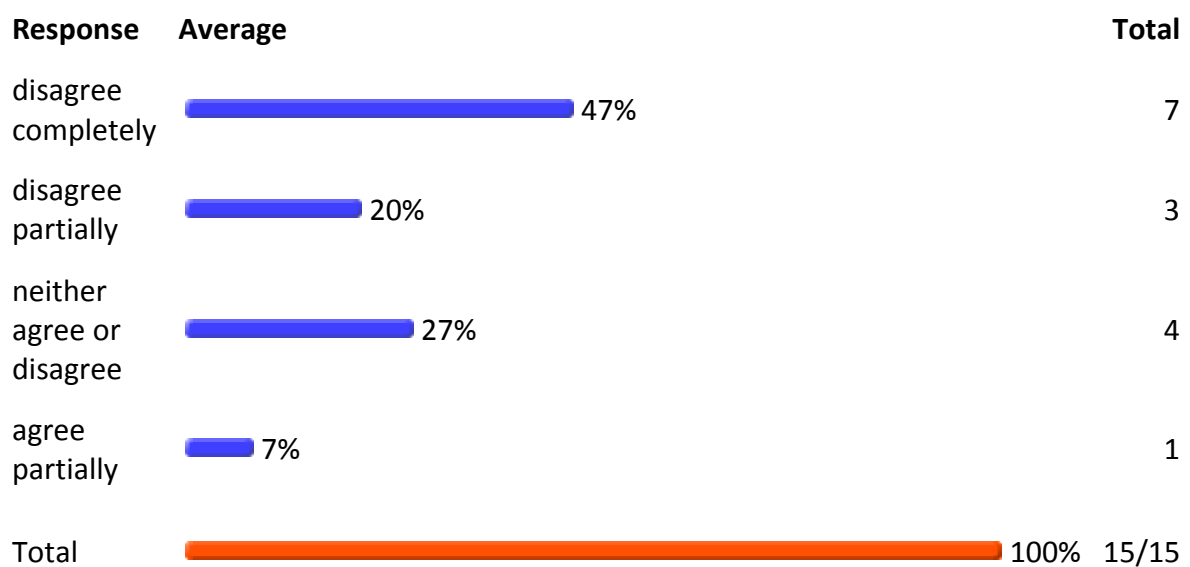


21. I was willing to put in the effort needed to complete the virtual world learning activities



22.

Using the virtual world did not help me to understand the course material



23. I would recommend that the instructor does continue using a virtual world

Response	Average	Total
disagree completely	 7%	1
neither agree or disagree	 7%	1
agree partially	 33%	5
agree completely	 53%	8
Total	 100%	15/15

24. There was little opportunity for me to communicate with my classmates in the virtual world

Response	Average	Total
disagree completely	 53%	8
neither agree or disagree	 27%	4
agree partially	 13%	2
agree completely	 7%	1
Total	 100%	15/15

25. My classmates and I cooperated in completing assignment work in the virtual world

Response	Average	Total
disagree partially	 7%	1
neither agree or disagree	 27%	4
agree partially	 13%	2

agree completely	 53%	8
Total	 100%	15/15

26. The learning activities in the virtual world encouraged contacts between myself and classmates

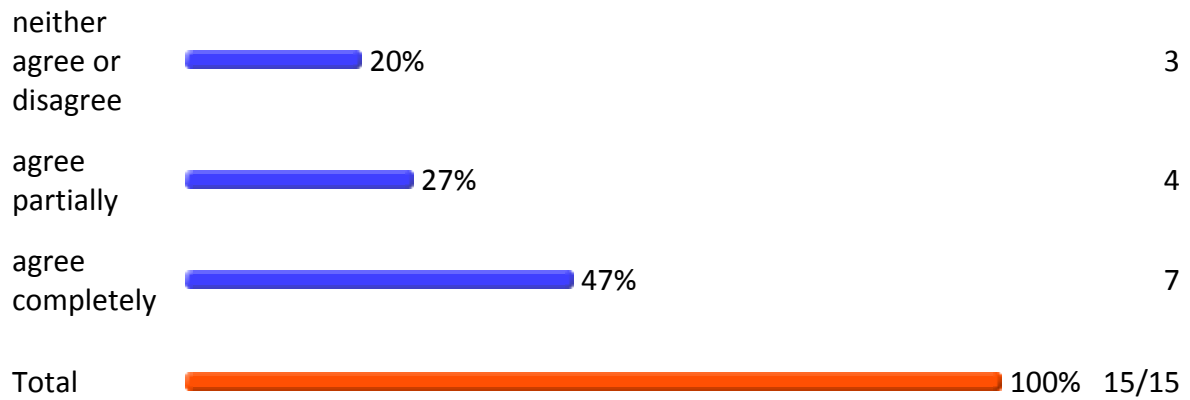
Response	Average	Total
neither agree or disagree	 33%	5
agree partially	 27%	4
agree completely	 40%	6
Total	 100%	15/15

27. I did not feel connected to others in the virtual world

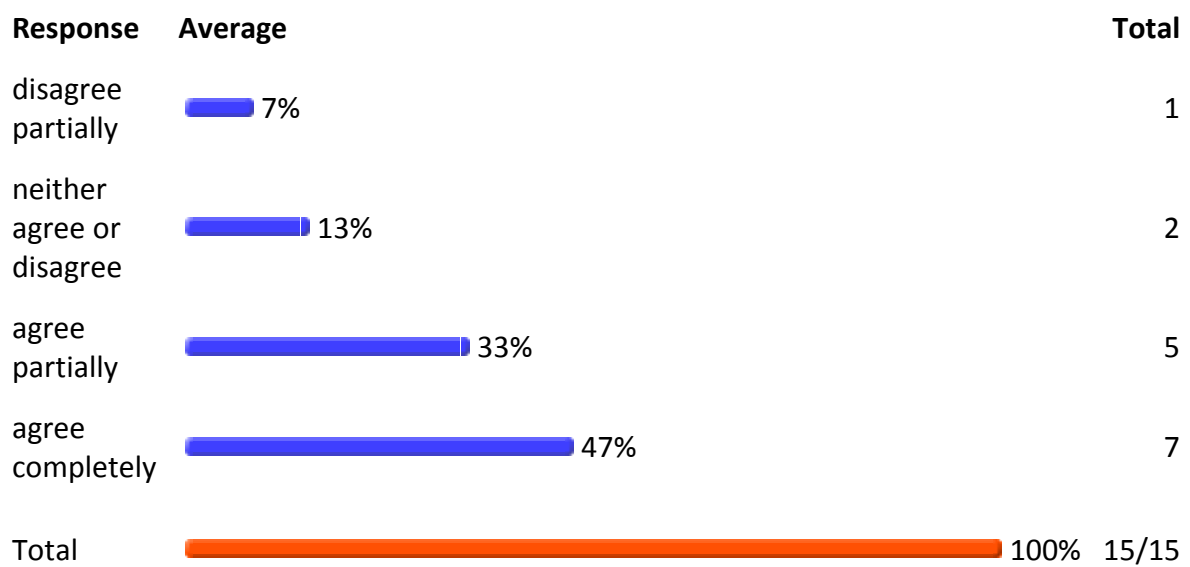
Response	Average	Total
disagree completely	 20%	3
disagree partially	 40%	6
neither agree or disagree	 33%	5
agree completely	 7%	1
Total	 100%	15/15

28. I often used the virtual world from home during my project

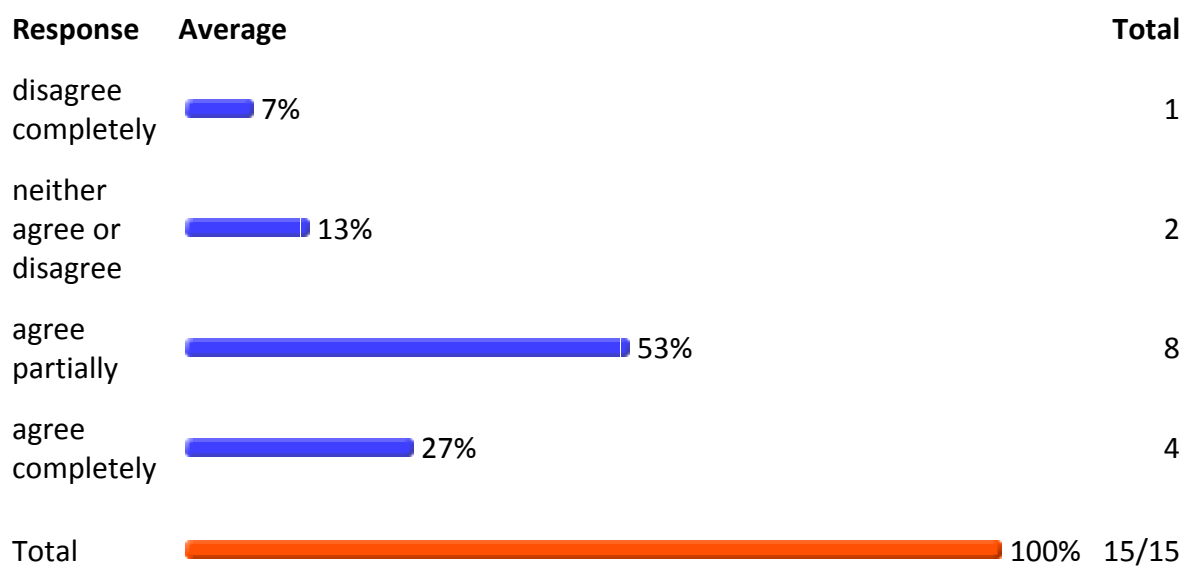
Response	Average	Total
disagree partially	 7%	1



29. I experienced very few problems in using the virtual world



30. I had very quick responses to my comments and questions using the virtual world



31. Technical support for the virtual world was available to me when I needed it

Response	Average	Total
disagree completely	 7%	1
neither agree or disagree	 33%	5
agree partially	 33%	5
agree completely	 27%	4
Total	 100%	15/15

32. I had difficulty in accessing the virtual world

Response	Average	Total
disagree completely	 53%	8
disagree partially	 7%	1
neither agree or disagree	 13%	2
agree partially	 27%	4
Total	 100%	15/15

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