## Attitudes of tertiary students towards a group project in a science unit

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## **Supplementary Data**

## **Appendix one: Pre-survey**

tudy	Attitude	es of tertiary students t	owards a group	project in a science un	nit		
1.	Full name						
2.	Gender	□male	□female				
3.	Age group	□under 18	□18-25	□25-40			
		□40-60	$\Box$ 60 and ov	/er			
4.	What course an	re you studying at UW	A?				
5.	What year of y	our studies are you in?					
6.	Is this unit an e	elective or core unit of	your course?	□core □ele	ctive		
7.	Has your group chosen their topic for the assignment? $\Box$ yes $\Box$ no If yes, how would you describe your familiarity with your chosen science topic?						
	1 low	2	3	4	5 high		
8.	Based on your	answer to Q7, how dif	ficult do you thir	nk this assignment will	be?		
	1 easy	2	3	4	5 hara		
9.	How would you	ı describe your level of	f previous multir	nedia experience?			
	1 none	2	3	4	5 high		

1 easy	2	3	4	5 hare
1. How would you	describe your	level of technology profici	ency?	
1 none	2	3	4	5 high
2. Based on your a	nswer to Q11,	how difficult do you think	this assignment	will be?
1 easy	2	3	4	5 hare
3. Do you understa	nd the learnin	g outcomes of the iMovie	assignment?	
□yes	□no	□partially		
4. Do you feel that	you have rece	ived sufficient direction fo	r this assignment	?
□yes	□no	□unsure		
5. Do you prefer be	een given struc	ctured or unstructured ass	signment tasks?	
□structured	□unstruc	tured		
6. How familiar are	e with you wit	h the other members of yo	our group for this	assignment?
1 unfamiliar	2	3	4	5 very familia
		vill contribute to the group	o in this assignme	nt? (tiek es
7. What skills do yo many as require	-	vin contribute to the group	· · · · · · · · · · · · · · · · · · ·	nt: (tick as
_	<b>d</b> )	☐creativity	_	editing skills

18. Do you think	group work is an effective l	earning tool in science?				
□yes	$\Box$ no	□undecided				
Why?						
19. Do you feel to assignment?	hat you have sufficient skills	and background knowled	dge to complete this			
□yes	$\square$ no	□undecided				
20. What would	you rate as the three main o	bjectives of this iMovie as	ssignment?			
☐ learning hod ☐ learning to ☐ learning to ☐ learning to	ow to use iMovie ow to use a digital camera ow to work in a group manage time effectively co-operate with other people se explain)	☐ learning how to storybe☐ learning how to researc☐ learning to communica☐ identifying your person weaknesses in a g	ch a scientific topic ate science effectively			
21. How would y $\frac{1}{low}$	ou describe your level of inter	rest in this project?  3 4	5 high			
_	In terms of group work, what do you think will be the best strategy to complete this assignment? (you may tick more than one if required)					
☐ each group☐ group mem☐ divide the t☐ group mem☐ group mem members to u	□ dividing tasks evenly between group members □ each group member takes charge of a key aspect of the iMovie assignment □ group members work on all of the tasks together □ divide the tasks according to each member's strengths and skills □ group members work individually on their tasks and only collaborate at the end □ group members work individually on their tasks, but meet regularly with other group members to update them and discuss progress □ other (please explain)					
	1 to 5, how important do you be to complete this assignment		your other group			
1 low	2	3 4	5 very			

24. Wha	t do you think some of	the challenges in completing	g this group assignmen	t might be?
		Thankyou for your partic	cipation	
	Ap	ppendix two: post-su	rvey	
tudy:	Attitudes of tertian	ry students towards a group	project in a science	unit
<b>25. Full</b>	name			
26. Befo	re starting the assign	ment, how familiar were yo	ou with your chosen so	cience topic?
1 low	2	3	4	5 high
27. Base	ed on your answer to	Q2, how difficult did you fi	nd this assignment?	
1 easy	2	3	4	5 hard
	did you describe you gnment?	ır level of multimedia expei	ience prior to startin	g this
1 none	2	3	4	5 high
29. Base	ed on your answer to	Q4, how difficult did you fi	nd this assignment?	
1 easy	2	3	4	5 hare
	did you describe you gnment?	ır level of technology profic	iency prior to starting	g this
1	2	3	4	5

31.	1	r answer to Q6, how dif	ficult did you f	4
	easy			h
32.	Would you pi	refer to have been given	more structur	e for this assignment?
	□yes	$\square$ no		
33.	Do you think operated?	the unstructured natur	e of the assigni	nent influenced how your group
	□yes	$\square$ no		
	If yes, how? _			
34.	What skills di required)	id you contribute to the	group in this a	ssignment? (tick as many as
	□organisation	nal skills	creativity	☐software editing ski
	□research		leadership	☐time management
	□other (pleas	e describe)		
35.	Do you think	group work is an effect	ive learning to	ol in science?
	□yes	□no	□undeci	led
	Why?			
36.	What are the	three main things you l	earnt from this	s iMovie assignment?
	□learning hov □learning hov □learning to t □learning to t	w to use iMovie w to use a digital camera w to work in a group manage time effectively co-operate with other peo	□learnin □learnin □learnin □identify	g how to storyboard g how to research a scientific topic g to communicate science effective ving your personal strengths and eaknesses in a group environment

31.	than one if required)
	□ dividing tasks evenly between group members □ each group member takes charge of a key aspect of the iMovie assignment □ group members work on all of the tasks together □ divide the tasks according to each member's strengths and skills □ group members work individually on their tasks and only collaborate at the end □ group members work individually on their tasks, but meet regularly with other group members to update them and discuss progress □ other (please explain)
38.	How much contact did you have with your other group members while completing this assignment?
	☐daily ☐few times per week ☐weekly ☐fortnightly ☐not at all
39.	What were some of the challenges in completing this group assignment?

Thank you for your participation