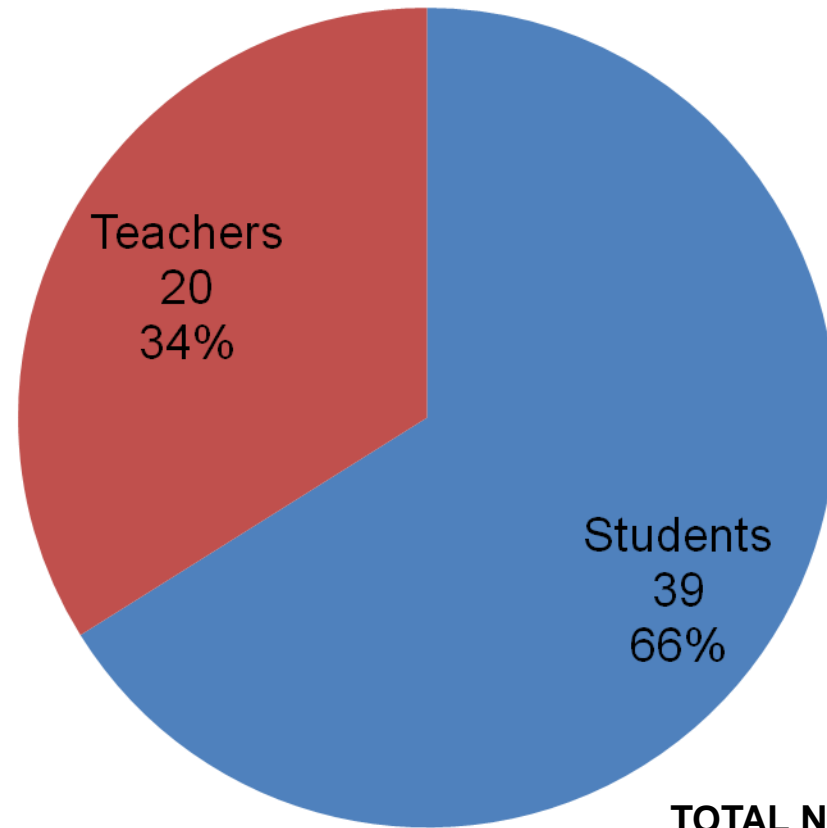




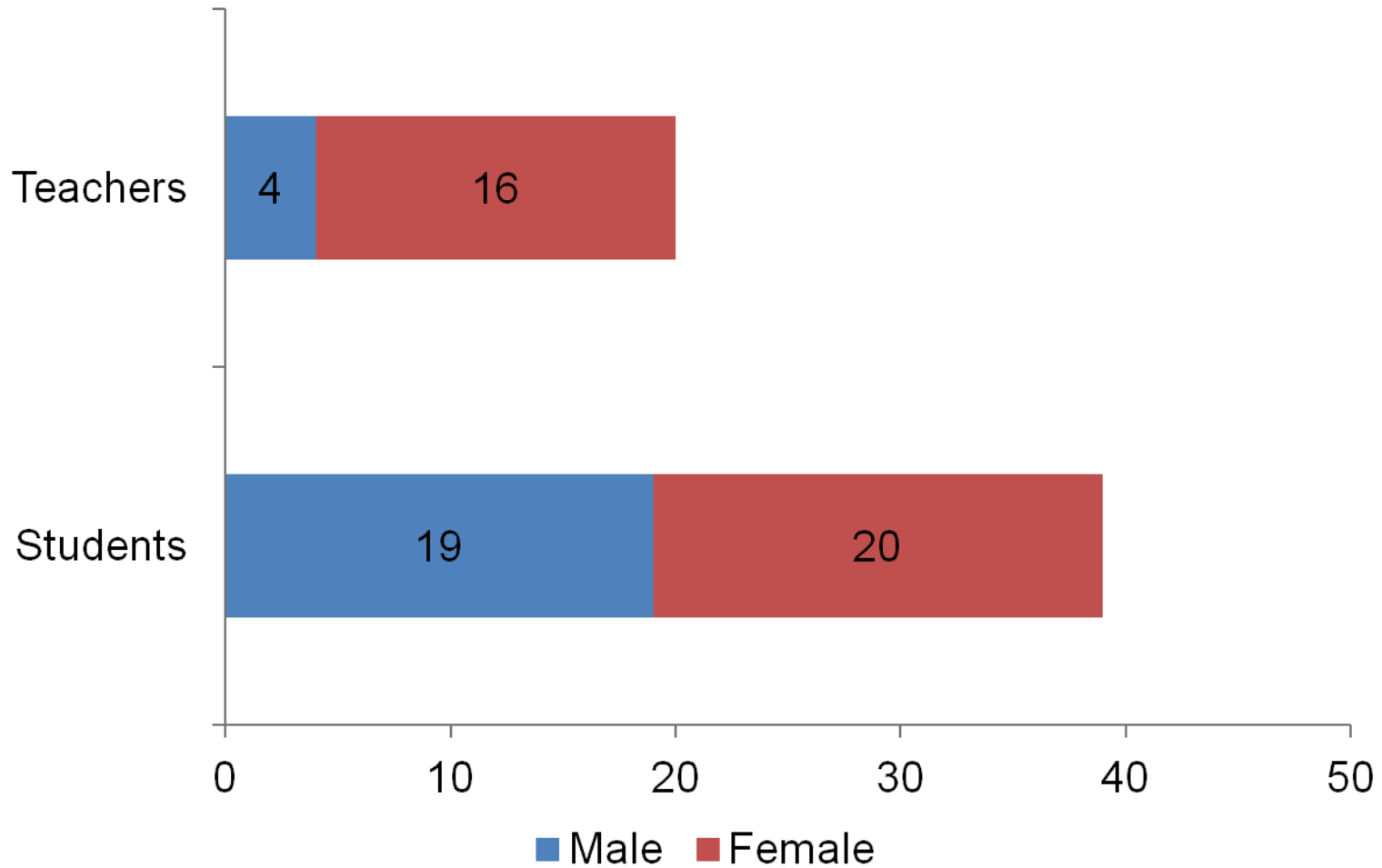
**2013 GEO-MARINE SCIENCE  
CAMP EVALUATION**

# PROFILE OF CAMPERS



Coming from 20 different High Schools in Regions IV-A, IV-B, & V

# PROFILE OF CAMPERS



# AREAS EVALUATED

- Topics
- Field Activities
- Speakers
- Facilitators/Coordinators
- Venue
- Management

Note: Using 5-point Likert scale, campers were asked to assess 18 statements concerning the above-mentioned areas.



# MEASURES/SCORING (LIKERT SCALE)

Likert Scale	Score
Strongly Agree	5
Agree	4
Undecided	3
Disagree	2
Strongly Disagree	1



# AVERAGE SCALE SCORE FOR EVERY STATEMENT

Area	Statement	Students		Teachers		All	
		Score	Rank	Score	Rank	Score	Rank
Management	The security and welfare of the participants were considered in the conduct of the activities in the Camp.	4.91	1	4.89	2	4.91	1
Topics	The topics are relevant to my teaching. (for teachers)	NA	NA	4.89	2	4.89	2
Field Activities	I enjoyed doing the field activities.	4.89	2	4.82	4	4.87	3
Facilitators/ Coordinators	The coordinators are effective in the conduct of the field activities.	4.83	4	4.94	1	4.87	3
Facilitators/ Coordinators	The facilitators/coordinators are sensitive and attentive to the needs of the participants.	4.83	4	4.94	1	4.87	3
Venue	The venue is appropriate for the activities conducted.	4.86	3	4.89	2	4.87	3
Field Activities	I learned a lot from the field activities.	4.86	3	4.83	3	4.85	4

# AVERAGE SCALE SCORE FOR EVERY STATEMENT

Area	Statement	Students		Teachers		All	
		Score	Rank	Score	Rank	Score	Rank
Facilitators/ Coordinators	The facilitators are friendly and accommodating.	4.89	2	4.78	5	4.85	4
Speakers	The speakers have mastery of the subject matter.	4.83	4	4.89	2	4.85	4
Venue	The venue is conducive for learning	4.81	5	4.89	2	4.83	5
Management	The needs of the participants during the Camp were met.	4.78	6	4.83	3	4.80	6
Management	The Science Camp was well-planned and organized.	4.72	7	4.89	2	4.78	7
Speakers	The media/visual aids/tools used by the speakers helped me better understand the topics being discussed.	4.71	8	4.83	3	4.75	8
Topics	The topics stimulate my interest to learn more about science.	4.67	9	4.89	2	4.74	9

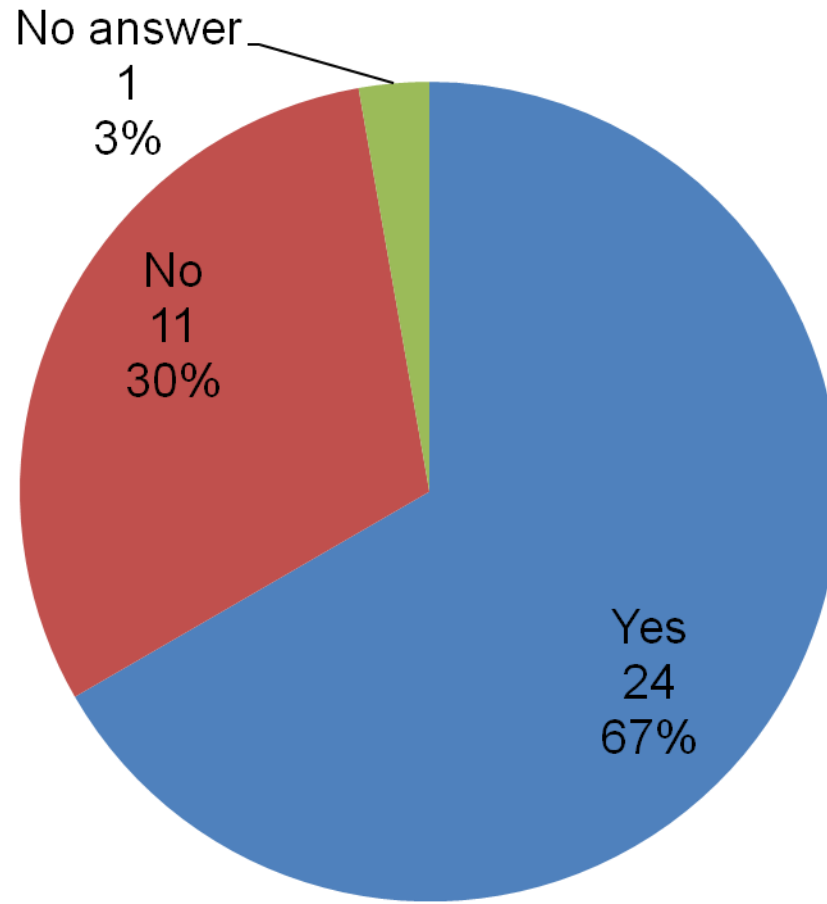
# AVERAGE SCALE SCORE FOR EVERY STATEMENT

Area	Statement	Students		Teachers		All	
		Score	Rank	Score	Rank	Score	Rank
Venue	The facilities in the venue are adequate for the requirements of the Science Camp.	4.72	7	4.67	6	4.70	10
Field Activities	The field activities are well-organized.	4.50	10	4.67	6	4.56	11
Topics	The topics discussed present refreshingly new science concepts.	4.44	11	4.61	7	4.50	12
Topics	The topics are relevant to my decision in what to take in college. (for students)	4.14	12	NA	NA	4.14	13

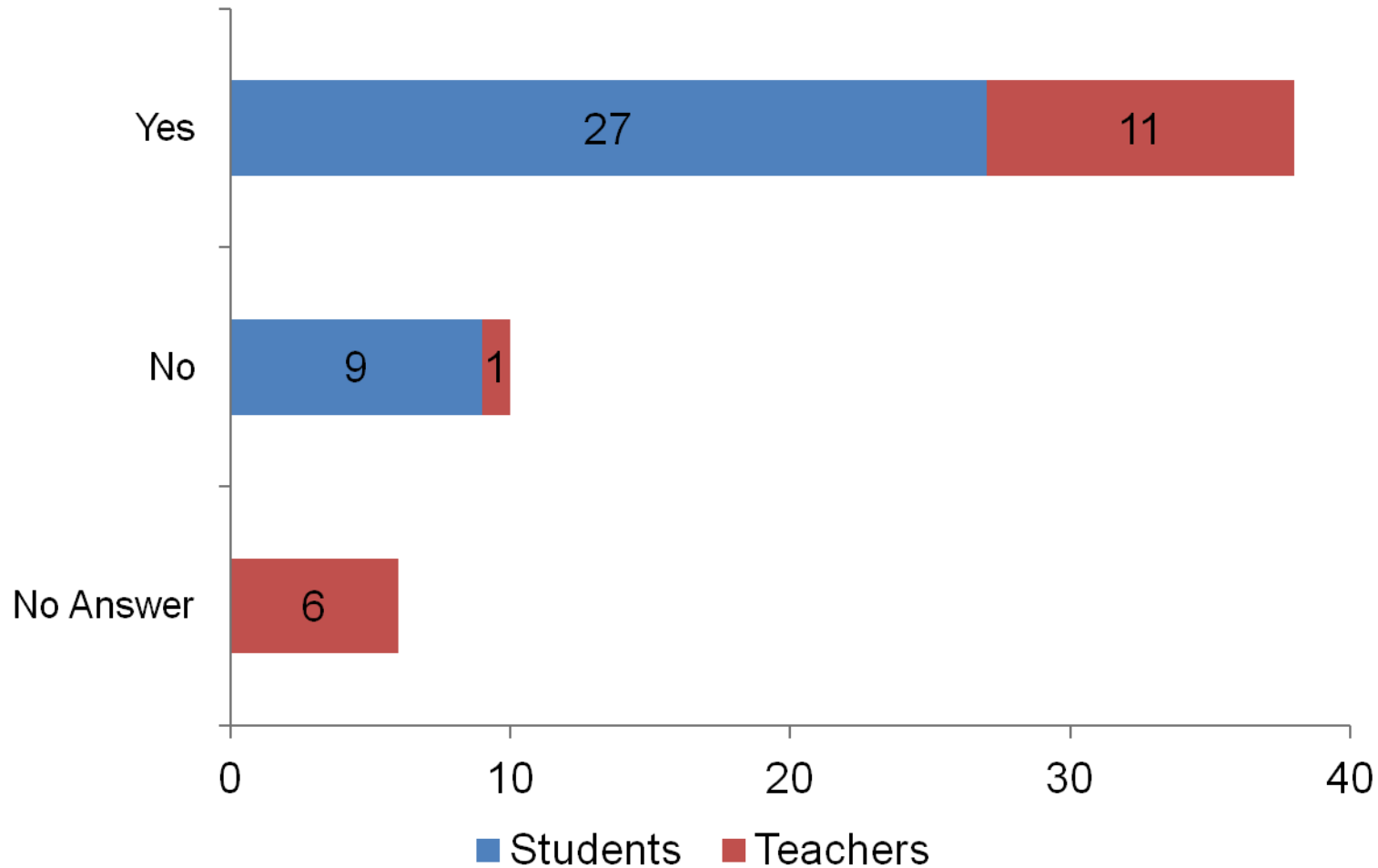




AFTER THIS SCIENCE CAMP, ARE YOU INCLINED TO TAKE UP SCIENCE COURSES SUCH AS BIOLOGY, MARINE SCIENCE, MARINE BIOLOGY, GEOLOGY AND THE LIKE IN COLLEGE (FOR STUDENTS)?



AFTER LISTENING TO THE LECTURES AND DOING THE FIELD ACTIVITIES, DID YOU GET ANY RESEARCH IDEA OR TOPIC YOU WOULD WANT TO PURSUE OR CONDUCT IN THE FUTURE?



# IF YES, PLEASE SPECIFY THAT RESEARCH IDEA OR TOPIC:

Sex	OCCUPATION	RESEARH TOPIC/IDEA
Male	Student	A plan to reduce "dagsa" or garbages carried by the waves in beaches
Male	Student	About planktons and mangroves to preserve and conserve them
Female	Student	About preserving the natural resources in our country
Female	Student	Antipyretic Lemongrass lotion
Male	Student	Community Interaction / Coastal Clean Up
Female	Student	Cooperation/ Connecting to other people
Female	Student	Follow-up all the conducted activities/camps
Female	Student	How to lessen the minerals such as gold silver, etc. so that mountains will not be gone
Female	Student	I really want to know what lies beneath the Marianas Trench
Female	Student	I think Marine Science because they say that here in the Philippines, there's a lot things in the sea that has not yet been discovered so I want to discover it on my own.
Female	Student	I would like to conduct proper waste management in my home town, El Nido.
Male	Student	Investigatory Project
Male	Student	like the triangulation and use of compass
Male	Student	Making a new way to prevent ecosystem destruction
Male	Student	Marine Biology
Male	Student	Marine Science because there's a lot of things have'nt discovered in the ocean although Geology is amazing to do as well.
Male	Student	Other Uses of Mangroves
Male	Student	Plankton Research and Observations
Female	Teacher	Science Camp in our school that aids in discussing topics in Biology particularly Marine organisms and of course minerlas because in our locality that rich in all of these is now being destroyed by my kababayan. So to help conserve our town, we need this in the future.
Male	Teacher	Sea Grass

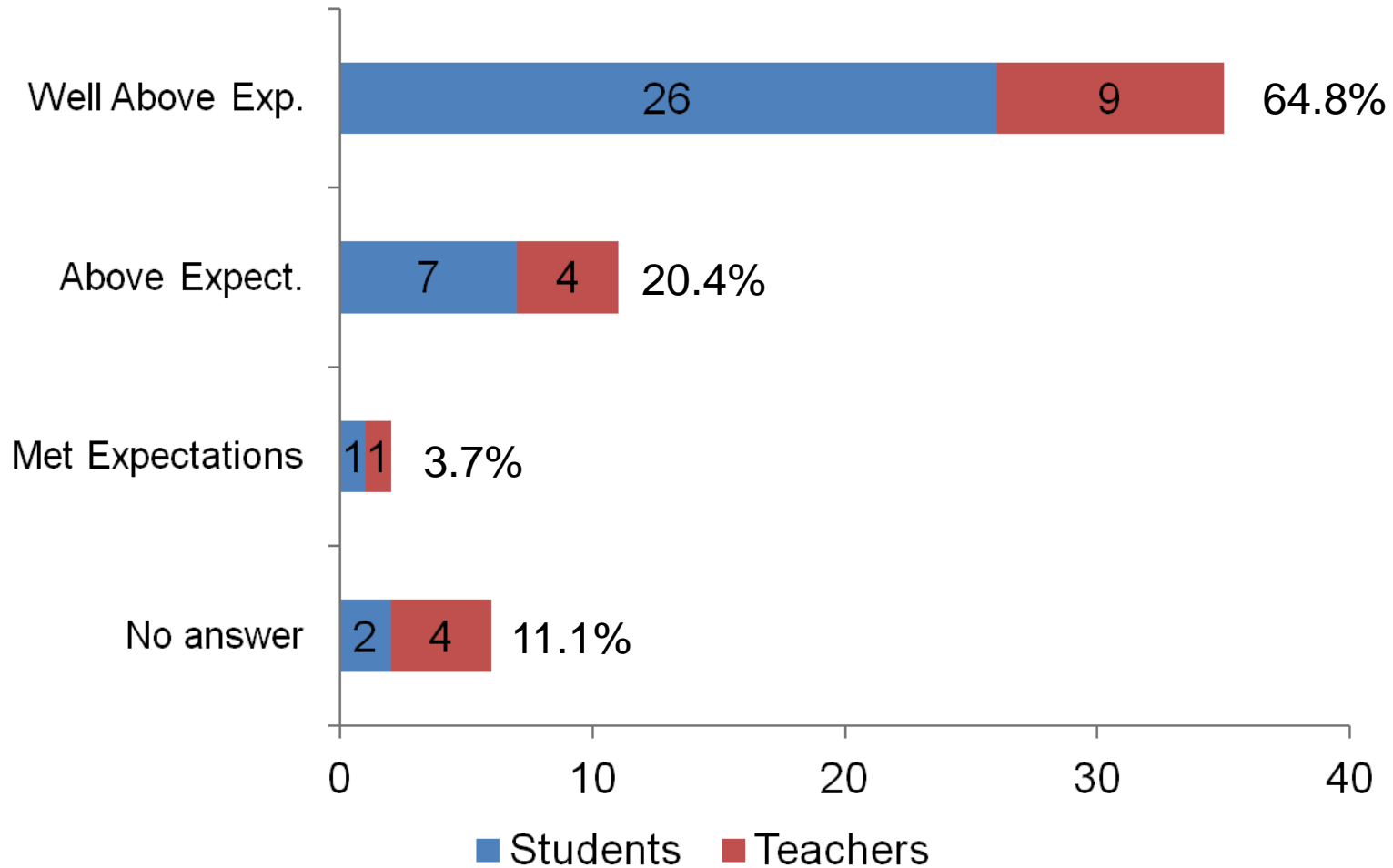


# IF YES, PLEASE SPECIFY THAT RESEARCH IDEA OR TOPIC:

Sex	OCCUPATION	RESEARH TOPIC/IDEA
Male	Student	That research idea is that we should not look only in one direction, furthermore we should look around us (satisfied?)
Female	Teacher	The content of minerals in our school site.
Male	Teacher	The current status of corals in Buenavista Coast
Male	Teacher	The industrial uses of mangroves
Female	Student	Though I still don't know exactly what to do with the idea . I think it is beyond reasonable doubt that the minerals inside the huge diversity of rocks can do something or bring solutions to certain problems. Ergo, I shall figure it out.
Female	Student	to have/make an anti-heat stroke machine (appliance)
Male	Teacher	Water treatment for safer and cleaner consumption
Female	Teacher	Weathering
Female	Teacher	What is the present status of Marine life in El Nido?



# HOW WOULD YOU RATE YOUR OVER-ALL EXPERIENCE AT THE SCIENCE CAMP?



## AVERAGE RANK OF TOPICS THAT THE CAMPERS FOUND INTERESTING

Topic	Students	Teachers	All
Gen. Introduction: Marine Science	2.00	1.75	1.92
Biology	6.60	3.69	5.69
Triangulation and Use of GPS	5.59	6.00	5.73
Geology	5.56	7.73	6.22
Rock Identification and Compass Use	6.78	6.20	6.61
Map Reading and Topography	7.31	6.00	6.87
Pace Factor	7.56	6.67	7.25
Orientation: "What do geologists do?"	7.36	7.87	7.52
Sea Safety and Survival	8.71	4.87	7.56
Chemistry	8.29	6.40	7.72
Fossil and Sand Appreciation	7.23	8.76	7.73
Scientific Methodology	8.38	6.93	7.94
Physics	8.68	6.93	8.14
Rock and Minerals Identification	8.94	6.67	8.24
Outcrop Observation	8.85	7.76	8.49
Geology Skills 1	10.00	9.83	9.94
Necklace Making	12.50	11.87	12.30



## AVERAGE RANK OF TOPICS THAT THE CAMPERS FOUND USEFUL

Topic	Students	Teachers	All
Triangulation and Use of GPS	3.72	5.40	4.22
Map Reading and Topography	4.57	4.57	4.57
Gen. Introduction: Marine Science	4.88	3.75	4.59
Sea Safety and Survival	5.12	4.87	5.04
Rock Identification and Compass Use	5.29	6.57	5.65
Biology	7.00	5.29	6.52
Pace Factor	6.97	6.77	6.92
Geology	7.21	6.79	7.09
Rock and Minerals Identification	7.54	8.33	7.74
Chemistry	8.82	7.08	8.37
Scientific Methodology	9.03	6.67	8.41
Outcrop Observation	8.65	7.86	8.42
Physics	9.36	6.92	8.71
Geology Skills 1	8.62	9.45	8.91
Orientation: "What do geologists do?"	9.47	10.45	9.72
Fossil and Sand Appreciation	10.27	8.38	9.74
Necklace Making	12.44	9.42	11.61



# AVERAGE RANK OF TOPICS THAT THE CAMPERS FOUND RELEVANT

Topic	Students	Teachers	All
Gen. Introduction: Marine Science	3.39	3.23	3.35
Sea Safety and Survival	6.12	4.36	5.60
Map Reading and Topography	5.44	6.07	5.63
Triangulation and Use of GPS	5.06	7.29	5.69
Biology	7.42	3.57	6.28
Rock Identification and Compass Use	6.00	7.83	6.48
Geology	6.78	6.00	6.54
Scientific Methodology	7.72	4.71	6.80
Pace Factor	7.03	8.31	7.38
Chemistry	8.26	5.43	7.44
Physics	8.53	6.43	7.89
Orientation: "What do geologists do?"	9.23	6.67	8.51
Rock and Minerals Identification	8.53	8.67	8.57
Outcrop Observation	9.06	8.46	8.89
Geology Skills 1	9.48	10.17	9.71
Fossil and Sand Appreciation	9.94	10.54	10.11
Necklace Making	11.58	12.00	11.69



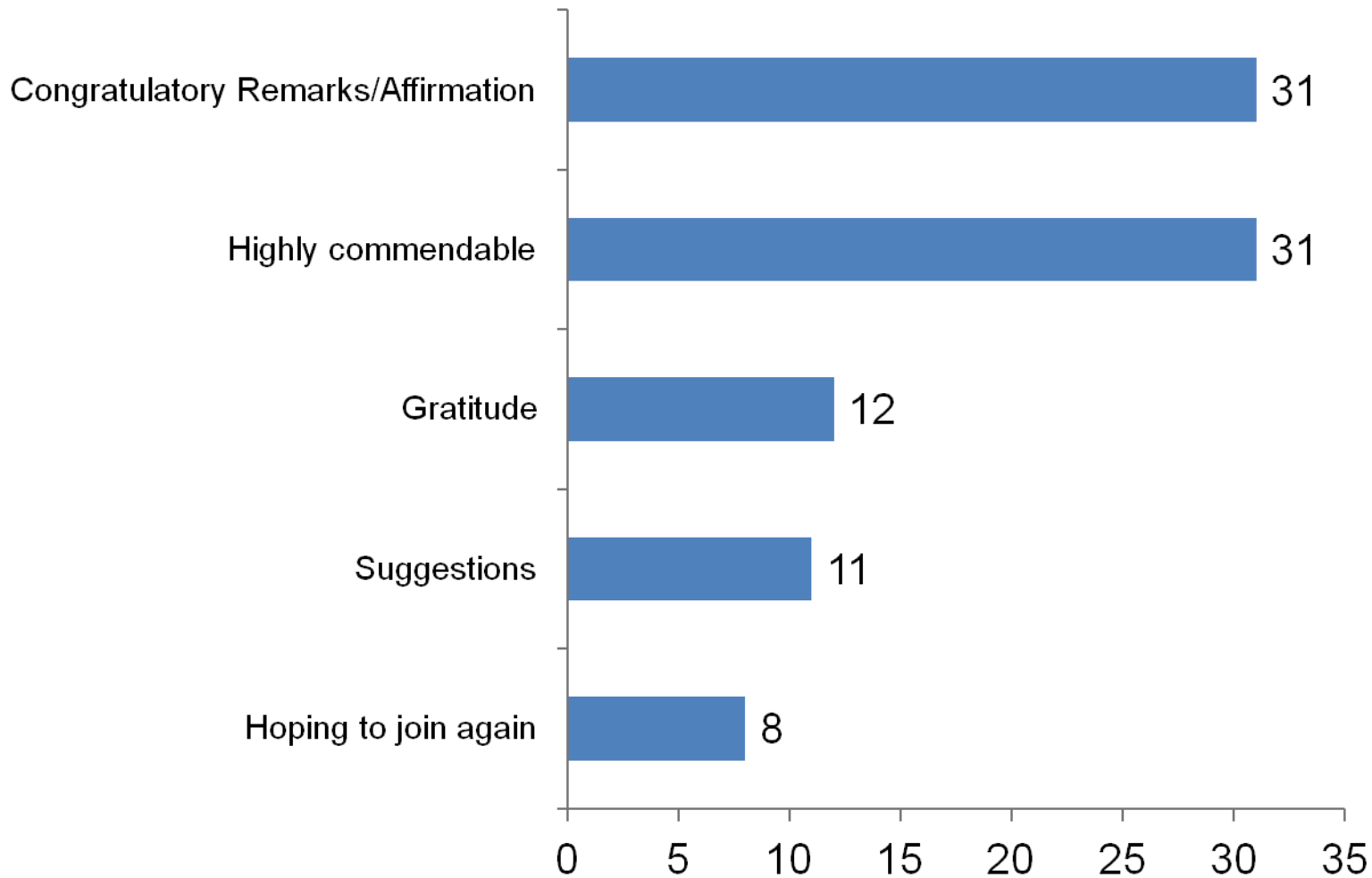


# AVERAGE RANK OF ACTIVITIES THAT THE CAMPERS FOUND ENJOYABLE

Activity	Students	Teachers	All
Coral Reef Exposure	3.34	2.00	2.89
Seagrass/Mangroves	5.78	4.83	5.46
Basic of Snorkeling	7.36	2.44	5.72
Plankton Sampling	7.69	4.83	6.72
Plankton Microscopy	7.29	6.11	6.89
Triangulation and Use of GPS	6.77	9.00	7.53
Amazing Race	5.61	12.78	8.00
Waves, Currents and Tides	10.35	7.17	9.25
Navigation	10.17	8.11	9.48
Aninuan Falls	9.67	10.17	9.83
Geomorphology	10.00	9.94	9.98
Outcrop Observation	10.97	9.17	10.35
Weathering	9.42	13.13	10.68
Rock Fall	11.26	10.28	10.92
Chemical Analysis	12.39	8.56	11.04
Community Interaction	12.44	10.35	11.75
Pebble Picking	12.49	10.61	11.85
Beach Time/Coastal Clean-up	12.39	11.06	11.92
Lecture	13.24	10.06	12.13
Group Sharing/Show and Tell	14.49	13.82	14.27
Necklace Making	15.64	15.69	15.65



# THEMATIC ANALYSIS/SUMMARY ON OTHER COMMENTS & SUGGESTIONS



# OTHER COMMENTS AND SUGGESTIONS: (SELECTED)

“This camp is one of the best experience I've ever had! I have learned a lot of things in this world! I hope it's not the last! Thumbs up for everyone!”

- Camper ID#16 Female Student

“Geo-Time Management the # of rocks & minerals to be identified is quite many. We could hardly do it. As the first timer for this kind of activity.”

- Camper ID#17 Female Teacher



# OTHER COMMENTS AND SUGGESTIONS: (SELECTED)

“Very enjoyable and full of thrill. Students & teachers learn more about the importance of living & non living things around us. More powers to MSI, Geo, and the most to DOST facilitators and staff.”

- Camper ID#20 Female Teacher

“I am so happy that I become part of this Geo-Marine Science Camp because I learned a lot of things about nature, rocks, sand, marine life and more. They are so kind, attentive and they are all good geologists and marine biologists.”

- Camper ID#33 Female Student

“This Geo- Marine Science Camp is very well organized and I lerned a lot of knowledge.”

- Camper ID #47 Male Student

## OTHER COMMENTS AND SUGGESTIONS: (SELECTED)

“I'm expecting more related activities like this. I'm looking forward on the effort of DOST-SEI to help out the teachers and the students to explore, enjoy, investigate and be aware of their immediate environment.”

- Camper ID#41 Male Teacher

“This Geo- Marine Science Camp is very well organized and I lerned a lot of knowledge.”

- Camper ID#46 Male Student

“Being part of this Geo-Marine Science Camp is such a wonderful blessing. I learned to eat planktons & lick rocks. This camp gave me the feeling of enjoyment while I'm learning. I hope that DOST will sponsor again a science camp like this and hopefully, I'll be part of the camp again.”

- Camper ID#50 Female Student



# OTHER COMMENTS AND SUGGESTIONS (ALL):

Sex	OCCUPATION	Comment/Suggestion
Female	Teacher	Well organized. I suggest that more time for Marine Science. I have fear on water but this camp overcome my fear in the water. I want to explore more underwater. God bless us all!! More power DOST, UP-MSI & UP-NIGS.
Male	Student	I-follow niyo ako sa wordpress! hahahaha : ) www.juliusabante.wordpress.com Gagawa ako ng post.
Male	Teacher	Five stars for the facilitators and coordinators for the job well done! See you on the next Science Camp! We already rock the ridge and reach the reef. And now, I'm willing to go beyond the outer space! (joke... just dreaming)
Male	Student	I've learned a lot . Thank you for this memorable experience. Without this camp, I'm pretty sure that my summer is very boring . See on the next camp! =p
Male	Teacher	Thank you so much! I'm hoping that you will introduce more activities like this that are beneficial to Filipinos.
Male	Student	I am greeting you a good job and hoping that for some other days you will introduce it and teach this to more and more Filipinos because its very interesting & useful!!! Thanks also!!!
Female	Student	Be more organized and systematic for the lectures. But it is really great examp. Good job! Thank you!
Female	Teacher	I would suggest that the number of rocks to be identified must be lessen to ensure mastery of the basic skills of identifying & classifying rocks.  - Be Strict in time management and involve more students in the next camp.



# OTHER COMMENTS AND SUGGESTIONS (ALL):

Sex	OCCUPATION	Comment/Suggestion
Female	Student	Overall, I really enjoyed this Science Camp. This is one of the most unforgettable summer in my life. Because of this camp , I met new friends. This science camp helped me to learn more about science. Science is interesting.
Female	Student	This camp is one of the best experience I've ever had! I have learned a lot of things in this world! I hope it's not the last! Thumbs up for everyone!
Female	Teacher	Geo- Time Management the # of rocks & minerals to be identified is quite many. We could hardly do it. As the first timer for this kind of activity.
Male	Student	The Summer camp is very useful for us students, I hope that this won't be the last summer camp and I hope that this summer camp may bring me more friends. Thank you for this opportunity for having this unforgettable happy moments with you all! More power and God bless you all! Thank you very much!
Male	Student	The no. of days that the camp runs is enough for all the things that we are expecting to learn.
Female	Teacher	Very enjoyable and full of thrill. Students & teachers learn more about the importance of living & non living things around us. More powers to MSI, Geo, and the most to DOST facilitators and staff.
Female	Student	This was the best vacation experience ever!
Female	Student	DOST-SEI, MSI, NIGS made my vacation interesting and enjoyable.



# OTHER COMMENTS AND SUGGESTIONS (ALL):

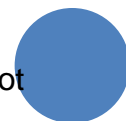
Sex	OCCUPATION	Comment/Suggestion
Male	Student	It's a great experience..
Male	Teacher	School group alternation to acquaint other students and teachers & facilitators. Continue communication and updating, formation & organization if possible. More power and goodluck. Marami pong salamat sa inyo, MSI, SEI, NIGS.
Male	Teacher	The camp is exciting and not boring.
Female	Student	It so great experience I wish that it will happen again this journey that I will never forget. Thank you for all the knowledge that you have shared. I love this GEO-MARINE SCIENCE CAMP . It's so amazing.
Male	Student	Thank you for all the facilitators and for all the lectures . We appreciate them all. Without all of you this camp will never be amazing. Thank you also for guiding us about appreciation of the lectures.
Male	Student	Geo-Marine Science Camp help me to know about the Philippines we have. Thanks to the things and knowledge that we have. God Bless and thank you.
Female	Student	I am so happy that I become part of this Geo-Marine Science Camp because I learned a lot of things about nature, rocks, sand, marine life and more. They are so kind, attentive and they are all good geologists and marine biologists.
Female	Teacher	I am glad that I was given an opportunity to be a part of this Science Camp. I really appreciate all of the activities that we have done. Thanks to DOST, MSI, and NIGS Hoping that there are a lot of students who will pursue their college degree in Geology and Marine Science. thanks a lot!





# OTHER COMMENTS AND SUGGESTIONS (ALL):

Sex	OCCUPATION	Comment/Suggestion
Female	Teacher	Best Summer Camp! i'm looking forward for the next activities like this. May the combined efforts of DOST, SEI, MSI, and NIGS continuously give inspirations and motivation to the students by their annual Science Camp of which the participants truly gain knowledge and be applied to real life situation. More power to all of you and Good luck to all your endeavors!!! Congratulations to all of you for the best job done!!!
Female	Teacher	Thank you very much. More power. Keep on motivating the youth in these fields of sciences.
Female	Teacher	
Female	Student	I think more camps will be conducted & extend the days of camp. And I want to explore more not just Puerto Galera but in other place rather. : ) Tenk you: DOST-SEI, UP NIGS; I will never ever forget all of you. TC & God bless.
Male	Teacher	Consider our province (Marinduque) as your venue of Geo-Marine Science Camp because we have also diverse area for this kind of activity. I'm expecting more related activities like this. I'm looking forward on the effort of DOST-SEI to help out the teachers and the students to explore, enjoy, investigate and be aware of their immediate environment.
Male	Teacher	
Male	Student	This 2013 Geo-Marine Science Camp is a fun, enjoyable and interesting one. Keep it up 'till the last. Good job DOST.
Male	Student	Next time, I am expecting much more activities that are different, unique and not common for us.



# OTHER COMMENTS AND SUGGESTIONS (ALL):

Sex	OCCUPATION	Comment/Suggestion
Male	Student	I'm expecting more of these activities. I'm looking forward to the DOST-SEI for protecting and made a good step to prevent the ecosystem and environment from destruction of human activities. We learned a lot... :)
Female	Teacher	Keep up the good work! One of the best programs given to DepEd. God bless!
Male	Student	This Geo- Marine Science Camp is very well organized and I lerned a lot of knowledge.
Male	Student	Thanks to everyone who conducted the camp. I LEARNED A LOT!
Female	Student	Being part of this Geo-Marine Science Camp is such a wonderful blessing. I learned to eat planktons & lick rocks. This camp gave me the feeling of enjoyment while I'm learning. I hope that DOST will sponsor again a science camp like this and hopefully, I'll be part of the camp again.
Female	Student	The best summer camp ever!!! OH YEAH! :D LOL \m/





**THANK YOU!**

**CONGRATULATIONS FOR THE  
JOB WELL DONE  
AND LET'S LOOK FORWARD TO  
THE 2014 SCIENCE CAMP**