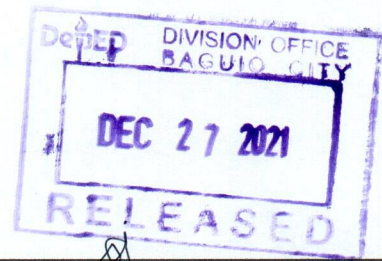




Republic of the Philippines
Department of Education
Cordillera Administrative Region
SCHOOLS DIVISION OF BAGUIO CITY



December 20, 2021

DIVISION MEMORANDUM

No. 343, s. 2021

RESULT OF 2021 ONLINE SCIENCE COMPETITION

To: CID and SGOD Chief Education Supervisor
Education Program Supervisors
Public Schools District Supervisors
Public School Heads
All Others Concerned

1. This is to announce the results of the 2021 Online Science Competition held last December 3-17, 2021.

1.1 Enclosure no. 1 contains the list of winners in the individual and team category. Cash prizes will be given to first, second and third place. For the first to fifth place, both student and teacher or coach will be receiving certificates of recognition. All participants will be given certificate of participation. The breakdown of prizes are as follows:

	Individual Category	Team Category	
First Place	P 750.00	P 600.00	Note: learners and coaches will be receiving cash prizes for top 3 winners
Second Place	P 650.00	P 500.00	
Third Place	P500.00	P400.00	

2. The office likewise extends gratitude and appreciation to the Saint Louis University, School of Natural Science, District Science Focal and Science TWG who provided technical assistance and served as speakers, judges.
3. Immediate dissemination of this memorandum to all concern is desired.

FEDERICO P. MARTIN, CEEd, EdD, CESO V
Schools Division Superintendent



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Enclosure no. 1: SIP

Elementary

Individual					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	Prolonging the Shelf-Life of Potato Tubers Using Different Methods	Zyrhabelle Fajardo	Jonnalyn T. Narciso	Estrella B. Bulay	Don Mariano Marcos ES
2 nd Place	Biodiesel from Potato Waste Peelings	Mazzi Brayden R. Bituagan	Yvonne F. Bangasan	Ellen Grande	Baguio City SPED Center
3 rd Place	Bio-filter of Household Wastewater	Jordin Margaux B. Tayag	Assumpta P. Bernal	Ellen Grande	Baguio City SPED Center
Team					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	F.S.B (Friendly Stain Breaker)	Tenice Veil Cuyam-an & Nino John Gomer	Angelbert A. Pednga	Proserpina M. Estacio	Mabini ES
2 nd Place	Rambutan Seeds Polvoron a Source of Dietary Fats and Proteins	Mekadesh D. Ueda & Tsidkenu Dicman Ueda	Crisanta D. Ueda	Marie D. Sillatoc	Quirini Hill ES
3 rd Place	“Boiled Betel Nut leaves as an Alternative Cure for Scabies”	Lloric Ivan Ramos & Zhar Daniel Madlon	Angelbert A. Pednga	Proserpina M. Estacio	Mabini ES
4 th Place	Heat Today, Grow Tomorrow: Growing Carrots on Burnt Loam Soil and Unburnt Loam Soil.	Sareamei Elloise Maliones & Alkieth Bag-ayan	Jonnalyn T. Narciso	Estrella Bulay	Don Mariano Marcos ES
5 th Place	Using Aloe Vera in Hand Sanitizers to Prevent Skin Dryness	Chrislie A. Bumakil John Jose D. Fernandez	Mitzi M. Carte	Jackson T. Cayaos	Lucban ES



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Junior High School					
Individual					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	Antifungal Properties of Jade (<i>Crassula ovata</i>) Plant Extracts	Sheila A. Soriano	Isuki San R. Meredor	Marilou T. Gomeyac	Dona Aurora NHS
2 nd Place	Chemical Activation Using NaCl and Heat Activation of Carbon from Potato Peels for Water Filtration	May B. Addongan	Ariel N. Millare	Leonardo Zambrano	Rizal NHS
3 rd Place	Prolonging the Shelf Life of Tomatoes	Casey Pearl Banosan	Esmeralda C. Fadlen	Brenda M. Cariño	Baguio City NHS
Team					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	Antimicrobial Potency of <i>Brugmansia arborea</i> extract to <i>Staphylococcus aureus</i>	Mickhail Bennett Retuya Sia & Allison Marie Kingkingan	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
2 nd Place	Effectivity of <i>Euphoria hirta</i> (Tawa-Tawa) Flavonoid leaf extract against <i>Stachybutrys chartarum</i> (Black Mold)	Jaztein Thea M. Dela Cruz & Maekhaela Jolie D. Alversado	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
3 rd Place	Pineapple (<i>Ananas comosus</i>) Peel to Absorb Arsenic in Contaminated Water)	Katyne Ashlee D. Baustista & Jeremiah D. Laurico	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
4 th Place	Utilization of Eggshell wastes for the filtration of soot particles	Marie Julienne M. Tindungan & Komer G. Paje	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
5 th Place	Anti-diarrhea Effect of Mayana (<i>Coleus blumei</i>) extract pill in subduing <i>Ascaris lumbricoides</i>	Floresca, Denmar Alfran Jr. & Espanola, Aisha Ryzel	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS



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Senior High School					
Individual					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	Comparison of Different Chemo-mechanical Methods in Extraction of Cellulose from Cabbage (<i>Brassica oleracea var. capitata</i>) Trimmings	Irish Candid Derige	Hazel Ann Nipales	Leonardo Zambrano	Rizal NHS
2 nd Place	Dry Anaerobic Digestion of Agricultural Wastes Collected within Baguio-Benguet as a Source of Biogas and Fertilizer	Vince Erick A. Cauresma	Alvin Noel D. Gayados	Brenda M. Cariño	Baguio City NHS-SHS
3 rd Place	The Implementation of Agronomic Practice (garden Intercropping/Interplanting) in the School Premises of Baguio City National High School for a Plan of Sustainability and resource-use Efficiency	Calleigh Angeline M. Cadena	Lakambini C. Pine	Brenda M. Cariño	Baguio City NHS-SHS
4 th Place	Egg shell as a Mosquito Repellant Lotion	Avy Tagalicud	Rachelle B. Roberto	Brenda M. Cariño	Baguio City NHS-main
Team					
Award	Title	Proponent/s	Coach	School Head	School
1 st Place	Short Range Wireless Charger	Harold John L. Dawayan & Jitan R. Idio	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
2 nd Place	Bio-adsorptive ability of Moringa oleifera in Zinc (Zn ⁺⁺) and Lead (Pb) filled water	Vanessa Reine R. Carolino; Dreian Mykaela A. Amistoso	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS
3 rd Place	Power of heat: Heat-based Generator Using the Energy Harnessing Potency of Thermoelectric Generator	Aliya Aljan Mendoza & Joshua Nathaniel Gama	Jafet Issachar Junio	Maria Joan D. Andayan	Baguio City National Science HS