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ROYAL EDUCATION COUNCIL



REC/CDC/STEM-Sci(2)/2017-18/ 4489

22<sup>nd</sup> May, 2018

To  
The Principals,  
30 Selected MSS/HSS/CS.

**Sub: Result of the Evaluation of Selected Schools for STEM Olympiad/ Model Exhibits.**

Dear Sir/Madam,

The prototype/model exhibited by 30 selected higher secondary/central / middle secondary schools for the upcoming National Science Technology Engineering Mathematics (STEM) Olympiad 2018 from all over the country were evaluated by a team of external evaluators in three different clusters. The process of evaluation involved high sense of professionalism and fairness by the evaluation team. We are pleased to announce the result of the evaluation of the selected schools.

We would like to take this opportunity to thank all the participating schools for your sincere effort in coming up with wonderful, creative and innovative ideas to develop prototypes/ models. We would also like to thank the schools for your excellent leadership and management for motivating the students towards becoming more innovative and creative in areas of science and technology.

Further, the 15 selected schools will report to the venue by evening of May 29, 2018 to participate at the National Level Olympiad in Thimphu.

With warm regards

Yours Sincerely,

  
(Kinga Dakpa)  
(Director)

Copy to:

1. Director General, DSE, MoE, for kind information
2. Dasho Dzongdas of concerned Dzongkhags for kind information
3. DEOs/TEOs of concerned Dzongkhags/Thromdues
4. Dean, Curriculum Development Centre, REC
5. Office copy

Result of School-level exhibit evaluation for STEM Olympiad 2018

Date:22/05/18

SI.No	Name of the Project	Name of the School	Dzongkhag/ Thormde	Mentor Teacher	Cognitive Test (20%)	Exhibit Evaluation (80%)	Grand Total CT+EX (100%)	Remarks
1	New Age Bhutanese Farm	Jigme Sherubling CS	Trashigang	Dhiman Dutta	9.2	70.8	80.00	Selected
2	Achieving food security of small holder farmers	Tashitse HSS	Trashigang	Rinzin Lhamo	10.3	69.4	79.78	Selected
3	Self-Reliant Community and Technology	Drukjeygang CS	Dagana	Tshering Yangki	9.3	59.4	68.78	Selected
4	Watermill - Power generation, Water Pump	Punakha CS	Punakha	Tshering Choden	10.2	58.6	68.78	Selected
5	Smart Bin	Phuentsholing HSS	Phuentsholing	Cheki Wangmo	9.8	58.6	68.44	Selected
6	Cannabis and Walnut infused Toiletries	Dechencholing HSS	Thimphu	Suban Rai	8.3	59.7	68.06	Selected
7	Thagzo; The Recycling Loom	Mongar HSS	Mongar	Rinchen Tshering	8.0	58.3	66.33	Selected
8	MT Bag	Samtse HSS	Samtse	Kelzang Tentsho	9.0	57.2	66.22	Selected
9	Smart Living	Ugyen Academy	Punakha	Tashi Phuntsho	8.3	54.2	62.50	Selected
10	Multi-Power Paddler Machine	Drukgyel CS	Paro	Salim Lepcha	9.2	52.5	61.67	Selected
11	SMART (Simple, Measurable, Accurate, Reliable Technology)	Tsangkha CS	Trongsa	Eka Dawa	6.0	55.6	61.56	Selected
12	Like Me Chair	Yangchenphug HSS	Thimphu	Hari Das V.S	9.8	49.7	59.56	Selected
13	Mo-Tra Farm	Zhemgang CS	Zhemgang	Krishna Prasad Khanal	9.8	48.9	58.72	Selected
14	Multi-Robot	Tendruk CS	Samtse	Ngawang Lobzang	9.0	49.7	58.72	Selected
15	Eco-friendly alarm system fence to protect from wild animals	Nima HSS	Thimphu	Roselin Wilson	7.3	50.8	58.17	Selected

Sl.No	Name of the Project	Name of the School	Dzongkhag/ Thormde	Mentor Teacher	Cognitive Test (20%)	Exhibit Evaluation (80%)	Grand Total (100%)	Remarks
16	Perpetual Energy Generator	Jamphel HSS	Haa	Ugyen Dorji	10.0	48.1	58.06	-
17	Disinfectant Water Filter	Chaskhar CS	Mongar	Rinchen Dema	7.2	50.6	57.72	-
18	Flood detector and manure mixer from soil energy	Gyelpozhing CS	Mongar	Sangay Khando	7.7	50.0	57.67	-
19	Wet Waste Disposal Unit	Gongzim UD CS	Haa	Tashi Yangki	10.0	47.5	57.50	-
20	The Hybrid irrigation system	Sonamthang CS	Zhemgang	Kinley Gyeltshen	7.0	49.2	56.17	-
21	Constructing water filter from locally available material	Tsangkhya MSS	Dagana	Lekh Raj Ghalley	7.8	47.5	55.33	-
22	Generation of electricity using footsteps as source of energy	Thrimshing CS	Trashigang	Sobit Pradhan	8.2	46.9	55.11	-
23	Eco-friendly sanitary pad	Loseling MSS	Thimphu	Sonam Wangmo	7.3	46.7	54.00	-
24	Cyclone Separator	Zilukha MSS	Thimphu	Dechen Choden	6.7	47.2	53.89	-
25	Technology Driven City	Rangjung CS	Trashigang	Kencho Galey	9.0	44.4	53.44	-
26	Triple T (Trash to Treasure)	Shari HSS	Paro	Yeshey Tenzin	8.3	43.6	51.94	-
27	HD Projector for smart phone	Karmaling HSS	Samdrup Jongkhar	Pema Norbu	8.5	40.6	49.06	-
28	Green Heater	Dungtse CS	Trashigang	Pema Chogyel	8.0	39.7	47.72	-
29	Technology for treating household waste water	Yangchen Gatshel MSS	Thimphu	Sherab Jatsho	7.5	39.4	46.94	-
30	Electronic colour detecting circuit: To detect the ripening of fruit	Gomtu MSS	Samtse	Dhan Singh Ghalley	4.7	15.0	19.67	-





