PD ON RESULT ANALYSIS

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14-19TH JUNE, 2021

Day-One: Session-1

Welcome to participants

OUTLINE OF PD

DATE	SESSION-1 (9.00-10.30)		SESSION-II (11.00-12.30)		SESSION-III (1.30-3.00)		SESSION-IV (3.30-5.00)
14th JUNE, 2021	1. Outline 2. Purpose 3. Dressing the Consolidated Result	TEA BREAK (10.30-11.00)	1. Pass % 2. Learning Outcome	LUNCH (12.30-1.30)	Academic Learning Scores	TEA BREAK (3.00-3.30)	2020-2021 APA implementation status
15TH JUNE, 2021	Proportion of students scoring more than 60% in STEM Subjects		Performance in Maths and Science (No. above 60% and 80%)		Presentation of Result Analysis and identifying improvement areas		Framing academic Targets for every student and class

Facilitators and Managers

1. Tshering, Dy.CDEO (Co-Facilitator)
2. Yeshey Wangmo, Dy.CDEO (Co-Facilitator)
3. Chokey Wangchuk, Principal, MCS(Co-Facilitator & Report writing)
4. Chuzang Norbu, Principal, DMSS (Co-Facilitator & Refreshment/Meals transportation)
5. Kelzang Chodup, Adm Asstt (Administration)
6. Rinchen Gyeltshen, CDEO (Overall Coordinator & Facilitator)

Part Time Facilitators

1. Dasho Pema, Dzongdag
2. Dasho Namgay Dorji, Dzongrab
3. Dawa Dem, Asstt. Finance Officer
4. Kinley Choden, HRO

Purpose of the PD On Result Analysis

1. Enable to understand the performance of the students and the teachers
2. Identify weak areas and support the students who required support
3. Failure has negative impact on the Govt exchequer and the age
4. Direction of Dasho Karma Gayleg, DG, DSE during meeting with DEOs on 7th April, 2021 at White Dragon Hotel, Punakha. Need to create system of Result Analysis at the Dzongkhag and Ministry.
5. Direction of Dasho Karma Gayleg, DG, DSE during meeting with Principals on 29th May, 2021 at Damphu Resort, Tsirang. Need to create system of Result Analysis at the Dzongkhag and Ministry.
6. Administrative and fund support from Dasho Dzongdag and Dzongkhag Administration, PPD and TPSD, MoE.

Way Forward

1. Result Analysis on time (Mid-Term & Annual Examinations)
2. Submit Result Analysis within one week after the conduct of Examinations
3. Ensure that minimum of 98% of the Students are promoted
4. Conduct subject wise and class wise result analysis
5. Identify students who need remedial program at the beginning of the academic Year (February), after Mid-Term Examinations (July) and after trial examinations for X and XII (October)
6. Monitor the conduct of purposeful remedial program
7. Set academic targets for each students and for each class

Pass %, ALS, Proportion-2020

SL	SCHOOLS	PASS%	ALS	PROPORTION
1	Damphu CS	99.50	69.16	14.60
2	Mendrelgang CS	98.90	67.56	22.50
3	Tsirangtoe CS	98.90	66.98	20.70
	Dzongkhag	99.10	68.12	18.80

LEARNING OUTCOMES -2020

SI	SchoolId	Eng	Dzo	Maths	Sci	HCG	Eco	EVS	Agri
1	Damphu CS	66.80	66.70	46.10	53.90	64.30	62.80	69.80	93.50
2	Mendrelgang CS	67	66	50	60	61	58		91
3	Tsirangtoe CS	63.40	69.60	54.60	55.80	64.70	67.60		90.30
	Dzongkhag	65.70	67.40	50.23	56.60	63.30	62.80	69.80	91.60

Dressing the Consolidated Result

I. Heading of the Result
a. Name of School
b. Title of the document
c. Academic Year
d. Class and Section

Dressing the Consolidated Result

II. Subjects arrangement in Consolidated Result

a. English

b. Dzongkha

c. Maths

d. Science

e. For Secondary Schools (Phy, Che, Bio, Environmental Science...total and average)

Dressing the Consolidated Result

III. Total marks, Average marks, Position and Promotion status

a. Add up all the score of subjects

b. Find out average of marks

c. Award position for all the students who got promoted

d. Write "Promoted" or "Detained"

Dressing the Consolidated Result

IV. Name list of the students

a. Serial Number

b. Name of the students (First boys in alphebetical order and then girls in alphabetical order)

c. Correct name of the students as per census

d. Full name as per census record

e. Gender (Boy or Girl)

Day-1, Session-1: Pass Percentage (Pass %)

1. Write at the end of every section or class consolidated result
2. Segregate by male and female
3. Number of students (boys and girls) appeared examinations
4. Number of students promoted (boys and girls)
5. Number of students detained (Boys and girls)
6. Transfer to schools pass % information report
7. It is good to have 100% pass result with required competency built with support from teachers

Pass % Format to be written at the end of consolidated Result

Class	Section	No. of students appeared Exams			No. of students promoted			No. of students Detained			Pass %			Remarks
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	

Day-1, Session-1: Learning Outcomes (LO)

1. LO is average score of every subject
2. Add the subject wise score of all the students at the end of the consolidated result
3. Divide the total score of every subject by number of students
4. The average score got after dividing all the total scores of the students in every subejct by number of students in every subejct is the LO
5. Transfer the LO to school LO information report
6. More the LO, better the quality of academic performance

LO Format to be written at the end of consolidated Result

Sl	Name	Eng	Dzo	Maths	Phy	Che	Bio	EVS	Total of Sci	Avergae of Sci	Hist	Geo	ECo	AgFS	Media	Rigzhung
1	Karma	65	56	46	56	76	64	55	251	84	60	76	56	90	80	68
2	Dorji	80	85	66	64	74	68	68	274	91	67	69	70	90		
3	Om	56	55	45	53	45	48	55	201	67	56	54	45	80		
	Total															
		201	196	157	173	195	180	178		242.00	183	199	171	260	80	68
	Divider	3	3	3	3	3	3	3		3	3	3	3	3	1	1
	LO															
		67	65.33	52.33	57.67	65.00	60.00	59.33		80.67	61.00	66.33	57.00	86.67	80	68

Day-1, Session-2: Individual Activity

- Every participant shall dress the consolidated result of 2019 and 2020 and derive Pass % and Learning Outcome

- Time: One and Half Hour

- Every participate will derive school Result Analysis and make presentation during during the 3rd session of the 2nd Day

- It should be made presentable and clear enough

Academic Learning Scores

Academic Learning Scores

1. ALS is the scores derived from the number of students who received the score against the category of 45% and Above, 60% and above and 70% and above.

2. Requirement:

- Total Number of students in a class or section
- Total number of students who scored equal or more than 45%
- Total number of students who scored equal or more than 60%
- Total number of students who scored equal or more than 70%

Academic Learning Scores

3. Target for each category:

o 45% and above- Target -100%

o 60% and above – Target -80%

o 70% and above –Target-40%

4.Calculation for:

o 45% and above = Total students who scored 45% and above /Total students in a section or class X 100 (Target)

o 60% and above =Total students who scored 60% and above / Total students in a Class or Section x 80 (Target)

o 70% and above = Total students who scored 70% and above / Total students in a class or section x 40 (Target)

Academic Learning Scores

5. Allocation of Marks for 45% and above, 60% and above and 70% and above

o 37.50 points for 45% and above=Total scores in 100%/100*37.50

o 37.50 points for 60% and above=Total scores in 80% /80*37.50

o 25 points for 70% and above = Total scores in 40% / 40* 25

ALS Calculation

SI	Class/Sec	Total stds (T)	≥45% (A)	≥60% (B)	≥70% (C)	45% (A/T*100) (D)	60% (B/T*80) (E)	70% (C/T*40) (F)	T-100% (D/100*37.50) (G)	T-80%) (E/80*37.50) (H)	T-40% (F/40*25) (I)	Total (G+H+I)	Remarks (90+ Best, 70-89-VG 60-69 Good
1	IXA	36	36	32	20	36/36*100=100	32/36*80 =71.11	20/36*40 =22.22	37.50	33.33	13.88	84.71	Good
2	XB	44	42	34	20								

Individual Activity

1. Find out ALS of all the classes and sections of your school
2. Time: one hour
3. Transfer the ALS report from the class or sections to School ALS Report

Day 1: Session -IV

2020-2021 APA Implementation Report
(Fill the report while other works on APA implementation Report)

Day 1, Session-I

- By Mrs. Dawa Dem, FO on online TA/DA
- 30 minutes

Proportion of students scoring more than 60% in STEM Subjects

Proportion of students scoring more than 60% in STEM Subjects

1. What is proportion? % of students scoring equal or more than 60% in STEM Subjects (Dzo, Eng, Maths & Sci (Phy, Che, Bio, EVS, ICT))

2. Arrange STEM subjects together so that it is easy to find out the number of students eligible for 60% and above in STEM subjects

3. Eligible means – A student is scoring more than 60 % in Dzo, Eng, maths and Science Subjects.

4. Write "Yes" if the students are eligible for 60% and above in STEM subjects but avoid writing "NO"

5. Count number of boys and number of girls who are eligible or written "Yes" and fill the form at the end of consolidated result

Proportion of students scoring more than 60% in STEM Subjects

- Find % of students with more than 60% in STEM subjects through calculation as:

% of boys = Number of Boys eligible in STEM subjects / Total boys in a class or section x 100

% of girls = Number of girls eligible in STEM subjects / Total girls in a class or section x 100

% of students = Number of students in STEM subjects/ total students in a class or section x 100

Proportion Identification Example (VA)

SI	Name	Gender	Dzo	Eng	Maths	Sci	SS	Total	Average	Position	Promoted/Detained	Proportion elibility
1	Karma Dorji	Boy	61	65	76	68	66	336	67.20	1st	Promoted	Yes
2	Rinchen Phuntsho	Boy	68	59	56	72	74	329	65.80	3rd	Promoted	
3	Sangay Khando	Boy	80	67	58	58	67	330	66.00	2nd	Promoted	
4	Ugyen Thinley	Boy	60	61	60	61	60	302	60.40	6th	Promoted	Yes
5	Dorji OM	Girl	60	60	64	63	66	313	62.60	5th	Promoted	Yes
6	Chador Wangmo	Girl	45	68	55	65	62	295	59.00	7th	Promoted	
7	Zepa Dema	Girl	65	61	60	67	64	317	63.40	4th	Promoted	Yes

Proportion Calculation

Sl	Class & Sec	Total students			Total students who are eligible for proportion			% of Proportion			Remarks
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
1	VA	4	3	7	2	2	4	50%	66.66	57.14	
2	VB										

Day-2, Session-II (Individual Activity)

1. Calculate Proportion of students of all the Sections and the classes
2. Transfer the proportion report from the section or class to school proportion report
3. Time: One Hour

Session with Dasho Pema, Dzongdag (Guest Speakers)

- Reception
- Lunch
- Offering butter lamps
- Welcome and overview (CDEO)
- Impression by Chokey Wangchuk, Principal, MCS
- Words of wisdom by Dasho Dzongdag
- Vote of thanks by Madam Yeshey Wangmo, Dy.CDEO
- Photo session
- Refreshment
- See Off

Day-2, Session – III: Finding the number of students with 80% and above and 90% and above for Class VI and above (Maths)

SI	Class	80% -89.99%			90% -100%		
		Boys	Girls	Total	Boys	Girls	Total
1	VI						
2	VII						
3	VIII						
4	IX						
5	X						
6	XI						
	Total						

Day-2, Session – III: Finding the number of students with 80% and above and 90% and above for Class VI and above (Science)

SI	Class	80% -89.99%			90% - 100%		
		Boys	Girls	Total	Boys	Girls	Total
1	VI						
2	VII						
3	VIII						
4	IX						
5	X						
6	XI						
	Total						

Class wise and Subject wise Target Setting - 2021 (Class X)

SI	Name of student	Dzo	Eng	Maths	Sci	S/S	Phy	Che	Bio	EVS	Hist	Geo	
1	Andu Tshering	61	60	68			61	65	80	60	68	68	
2	Bji Dorji	70	78	76			77	78	77	70	70	75	
3	Choni Dorji	60	60	90			90	90	90	80	80	80	
4	Dorji Dakpa	64	66	86			64	66	64	66	68	69	
5	Harka Singh	68	80	90			78	76	76	70	70	76	
6	Anjali Rai	68	80	89			68	68	70	76	68	68	
7	Beema Maya	80	80	80			80	80	80	80	80	80	
8	Choki Om	88	89	86			85	88	86	80	86	88	
9	Dendup Zangmo	60	60	60			60	60	60	60	60	60	
10	Khando Om	64	66	68			65	64	68	68	68	64	

Day-2, Session-IV

❑ Sharing on 14 days RIGSS training by Bhuwan Ghalley, Principal, DCS

❑ 30 minutes

Day-2, Session-IV: Individual Result Analysis Presentation

Individual presentation

1. Pass %
2. Learning Outcomes
3. Academic Learning Scores
4. Proportion of students scoring more than 60% and above
5. Performance in Maths and Science (80 -89.99 and 90-100)
6. Academic Target for every class and student