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**EDUCATION IN EMERGENCY PROGRAMME FOR
STUDENTS WITH DISABILITIES DURING COVID 19**

(Wangsel Institute)
April 2020

**ECCD & SEN Division
Department of School Education
Ministry of Education
Royal Government of Bhutan**



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Wangsel Institute

To ensure the students with Deafness are meaningfully engaged during the COVID19 Emergency situations, the Wangsel Institute has developed a special learning package in line with EiE curriculum framework developed by the Royal Education Council. These special learning packages are categorized into the key stages based on the students' grades. All students are currently at home owing to the pandemic emergency and they learn with the help of their family members. The curriculum delivery of Wangsel Institute has been treated differently as the students require different curriculum delivery modality than other schools across the country.

The Students with Deafness are taught Bhutanese Sign Language (BSL), Maths and English focused on literacy and numeracy till class three. The students learn all subjects including Social Studies, Science through adaptation and modification done by their respective subject teachers. The learning for students with Deafness currently in the COVID-19 emergency is delivered through video clips, video conferencing and notes using social media such as WeChat, WhatsApp, Messenger and Google classroom.

The same methodology of curriculum delivery will be continued should the COVID 19 emergency continue till the end of the year. The curriculum delivery will be based on the curriculum framework developed by REC in consultation with Ministry of Education. The EiE way forward plan for Wangsel Institute is in the following pages.

Therefore, this document presents the consolidated curricula and programmes for children with deafness who are unable to follow general curriculum during the emergency, from schools with SEN programme.

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Background

After the outbreak of COVID-19, the schools and institutions were closed as a part of vital measure to prevent spread of virus. In order to continue delivery of education services to students with Deafness, the faculty members of Wangsel Institute organized an emergency meeting to decide on how education for students with Deafness can be continued. As an outcome of the meeting, we came up with our own EiE plan for Deaf students.

Deaf students, in the absence of listening and speaking skills need to be taught almost on one to one basis through signing. Therefore, the medium of delivery of lessons is different from that of the general students. General students with listening skills have immense potential to be engaged and even learn lessons presented through BBS channels. In contrary such a mode of delivery can undoubtedly be a challenge or can make any sense for Deaf students. As such we have decided to have our own EiE implementation Plan that is aimed at making delivery of education to suit the learning needs of Deaf children.

The most suitable and practical channel for delivery of lessons was found through We-Chat if all students have gadgets that will facilitate them to be in We-Chat group. We-Chat was one of the most common and practical platform used by teachers of Wangsel Institute especially with senior students even during the normal time. Teachers and students extensively used We-Chat to discuss home works and for any kind of communication after school hours.

Google classroom was also identified as another channel for delivery of lessons. Professional development session on how to use Google classroom has provided teachers ideas and skills on making best use of the facility.

The main purpose of having such arrangement is to keep the Deaf students meaningfully engaged during the close down of Institute due to COVID -19 outbreak, and provide continuing education through appropriate strategy to access to literary and numeracy.

Curriculum

The Institute shall implement Key stage 1 and 2 of the thematic curriculum framework developed by REC and Wangsel. Key stage 3,4,5 shall follow the usual practice of adapted and modified curriculum based on the general curriculum. For this, each teacher is encouraged to carefully select the most important and relevant content.

Consultative meetings were also held with the officials of REC on EiE Curriculum contents and how it could be prioritized for Deaf students. The implementation plans, programmes and mechanisms provided below aims to help teachers to further enhance productive engagement of students in their classes.

The details of the plans and programmes are according to key stages as a suggestive outline of content and strategies.

Implementation Mechanism (Class Preparatory –VI) Key stage 1 and 2

1. Class teacher shall create We-Chat group for each section
2. All subject teachers and parents will be connected through the We-Chat group
3. Class teacher will prepare time table and programme of study for the week and intimate.
4. They will then intimate parents and students for subjects to be taught
5. Students carryout task assigned by the teacher and provide

Implementation Mechanism (Class VII-XI) key stage 3,4 and 5

1. All students and teachers shall have Google accounts in education domain
2. Class teacher shall create Google classroom for each section
3. Class teacher adds all the subject teachers and parents in classroom
4. Class teacher prepares time table for the week for subjects to be taught
5. Students carryout task assigned by the teacher

Role of Subject Teacher

1. Conduct activities as per the timetable prepared by the class teacher.
2. Shall maintain checklist to ensure all students participate in eLearning
3. Provide necessary support to students and parents on lessons delivered
4. Keep proper record of lessons taught as evidence for future use
5. Maintain proper record of assessment done for promotion of students at the end of the year

Role of Parents and guardians

1. Shall be part of social media platform created by the class teacher
2. Shall support and monitor their children to access eLearning
3. Report to class teacher if any support is required from the Institute

Role of Students

1. Shall attend all the lessons delivered through the group/class created by the class teacher

2. Shall communicate with the class/subject teacher for any clarification and support needed

3. Responding to the teachers must be the first priority

Key Stage: 1(Class Preparatory –III)

Class: Preparatory (Bhutanese Sign Language Communication Class)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
BSL class for communication	Chencho Dem	Vegetable Fruits -Rooms in the house -Simple verbs -Domestic animals -Wild animals - Household items	Signing short video Clips and video Conferencing	To be kept for individual teachers to maintain appropriate record	2

Class PP (Eng, Maths, BSL)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
BSL	Khandu & Thuji	House hold Items/fruits/vegetables Classroom objects / House hold Items/fruits/vegetables/colours	Signing short video Clips and video Conferencing	To be kept for individual teachers to maintain appropriate record	3
Maths	Thuji	Numbers/Colouring /matching	Signing short video Clips and video Conferencing /workbook	To be kept for individual teachers to maintain appropriate record	
English	Thuji	Colouring/pre writing/drawing	Signing short video Clips and video Conferencing /workbook	To be kept for individual teachers to maintain appropriate record	

Class I (Eng, Maths, BSL)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of Student
English	Tshering Pem	- Handwriting - Alphabets (small case) - Vocabulary (High frequency words)	Signing short video Clips and video Conferencing	To be kept for individual teachers	8

			/workbook written	and need to maintain appropriate record	
Maths	Tshering Pem	<ul style="list-style-type: none"> - Writing Numbers 1 – 30 - Signing Numbers 1 – 30 - Identifying numbers 1 -30. 	Signing short video Clips and video Conferencing /workbook written	To be kept for individual teachers and need to maintain appropriate record	8
BSL	Sonam Dorji	<ul style="list-style-type: none"> - Family - Parts of the body. 	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	Nil

Class II (Eng, Maths, BSL)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of
Maths	Pelden Wangchuk	Numeral/Number words/Comparing/Missing numbers/Count and add/ Count and write on 10 frames, 100 chart, Addition sentence,	Signing, short video Clips and video Conferencing /workbook/written	To be kept for individual teachers and need to maintain appropriate record	5
English	Pelden Wangchuk	Animals (Domestic and wild)/Animals and baby/Animals and benefits/12 months /7 days of week(Text)Twelve animals of Bhutan,	Signing, short video Clips and video Conferencing /workbookwritten	To be kept for individual teachers and need to maintain appropriate record	5
BSL	Pelden Wangchuk & Khandu Wangmo	BSL Alphabets and numbers Parts of animals/ Family words/Video lesson about family /Body parts Animal and animal house/Animal's baby/ Animals and benefits, Daily routine, Hygiene and sanitation	. Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	5

Class III(Eng, Maths, BSL)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Dzongkha	Dechen	Dzongkha alphabet (2 letters) Remaining alphabet and single letter word	Signing, short video Clips and video Conferencing /workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7
English	Tshering Wangmo	- family members/ jobs/ foods/12 months Colours/ animals/seasons / fruits/vegetables days of the week	- Signing, short video Clips and video Conferencing /workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7
BSL	Tshering Wangmo and Sonam Dorji	family members/jobs/foods/12 months colours / animals/ seasons / fruits/vegetables days of the week	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	7
Maths	Tshering Wangmo	-numbers 1-100/number names 1-20/ counting /One digit addition and subtraction /shapes /measurement /quantity	- Signing, short video Clips and video Conferencing /workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7

Key Stage: 2 (Class IV-VI)

Class IV(Dzo,Eng,Maths,BSL)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Dzongkha	Loday Gyeltshen	-Seljey Sum chu -AngYig 1-10 -Yangsel	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
English	Thinley Dema	-Handwriting practice. -Reading comprehension(My family) -Text(The body Book) Grammar lesson -Wh questions -Synonyms -Use of have and has. -Reading comprehension.	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Mathematics	Thinley Dema	-Number names -Renaming numbers. -Multiplication table Mathematical terms -fact family -Word problems	- Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
BSL	Namgay Wangchuk Thinley Dema	-Classroom objects(10) -Countries Airports in Bhutan. -Dzongkhag. -Signing for meaning.	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	8

Class ...VA (Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of Students
Dzongkha	Choki	1.Naming Vegetables and fruits 2.Numbers 3. Naming things Colours	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
English	Rinchen Peldon	Alphabets(with drawing, words, colour, spell, sign) Verbs, animals and their babies. Making short sentences	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Mathematics	Chencho Om	Numbers Additions Subtractions Numbers Subtractions Multiplications	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Social Studies	Thuji Om	Map Dzongkhags Countries around Bhutan	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Science	Karma Tenzin	Foods Everyday materials Materials and our surrounding	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
BSL	Choki	Ministries and ministers Domestic animals	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	8

Class ...VB(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
English	Rinchen Peldon	Alphabets(with drawings/Words/ colour/Spell/sign/ Verbs Animals and their babies Making short sentences)	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Social Studies	Chencho Dem	Covid Virus(measure o protect oneself from the virus)28/3/2020 Continents (sign the number of continents, Practice the spelling of each continent.(7/4/2020)/ The Seasons/The Moon/The Sun	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Science	Karma Tenzin	Food and everyday materials /Materials and our surrounding	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Math	Chenco Om	Numbers Addition Subtractions Numbers Subtractions Multiplications	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
Dzongkha	Choki	Name of Vegetables Name of fruits/Things Numbers/ Colors	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	8
BSL	Ugyen Wangdi	10 Ministries Prepositions Domestic animals BSL –Hand shape Social Media types	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	8

Class ...VI(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Maths	Chencho Om	1.Numbers up to 4 digits 2. Addition and subtraction up to three digits with and without regrouping Numbers up to 4 digits 2. Addition and subtraction up to three digits with and without regrouping 3.Multiplication up to two digit numbers 4.Measurement of length and mass	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Science	Chencho Om	Matters Parts of plants Sense organs Matters, Parts of plants, Sense organs Balance diet, Teeth(Types, importance and function, Pars of body	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Dzongkha	Dechen	Dzongkha single letter alphabets and words	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Social studies	Karma Tenzin (G)	Weather Dzongs and your and your own Dzongkhag	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
English	Desang	Diction on corona virus/Safety measures/Prevention measures/Simple story of king/Writing thank you message	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9

BSL	Namgay Wangchuk & Chencho Om	Preposition using classroom objects 7 continents 20 Dzongkhags	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	9
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Key Stage: 3 (Class VII-VIII)

Class ...VII(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Maths	K.B Mongar	Place value Numbers, whole number place value, 4 basic operations, fractions and decimals	Signing, short video Clips and video Conferencing /Pictures/ workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Science	Karma Tenzin S	Food and drinks, health and disease	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Dzongkha	Loday Gyeltshen	Classroom objects, family, weather and colour	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
Social studies	Karma Tenzin G	Weather Dzongs Village	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
English	Dessang Dorji	Important terms for corona, safety, measures, prevention measures , Stories on kings, writing thank you message	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	9
BSL	Namgay Wangchuk	Early life of Zabdrung,Dzongs built by Zhabdrung	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	9

Class:VIII(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Social Studies	Karma Tenzin G	Continents, Questions and answers on weather, land scrape,	Signing, short video Clips and video Conferencing /Pictures/ workbook	To be kept for individual teachers and need to maintain appropriate record	9
Science	Karma Tenzin S	Food and nutrients Health And diseases	Written - instruction	To be kept for individual teachers and need to maintain appropriate record	9
Dzongkha	Lodey Gyeltshen	Dhok -chen, Ya-ta and Ra-ta (Finding words) Go- chen ,	Signing, short video Clips and video Conferencing /Pictures/ workbook	To be kept for individual teachers and need to maintain appropriate record	9
Maths	Kharka Bdr Mongar	Place value and numbers, Whole number placevalue,4 basic operations, Fractions and decimals	. Signing, short video Clips and video Conferencing /Pictures/ workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	9
English	Rinchen Peldon	Finding words from the given pictures/Find six words/Animals(Mother s and their babies) Prepositions, Comparing objects, reading simple story	Signing, short video Clips and video Conferencing /Pictures/ workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	9
BSL	Ugen Wangdi	Country, ecomimic, GNH, significance of Dzong,Tshechu, international relationship Schools , Etiquettee, core values, substance abuse	Signing short video Clips and video Conferencing	To be kept for individual teachers and need to maintain appropriate record	9

Key Stage: 4 (Class IX-X)

Class ...IX(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Science	Karma Tezin (S)	Cells Health and hygiene Diseases	Signing, short video Clips and video Conferencing /Pictures/workbook Written -instruction	To be kept for individual teachers and need to maintain appropriate record	11
Math	Kharka Bdr Mongar	PlaceValue/ Numbers Whole number place value; 4 Basic operations; Fractions and Decim	Signing, short video Clips and video Conferencing /Pictures/workbook /Written - instruction	To be kept for individual teachers and need to maintain appropriate record	11
Social Studies	Karma Tenzin	Population, Dzongkhag , village	Signing, short video Clips and video Conferencing /Pictures/workbook	To be kept for individual teachers and need to maintain appropriate record	11
BSL	Tenzin Dralha/ Sushila Gurung	-Continent/ Asia/5 Parameters of a Sign/5 parameters/Com prehension (receptive)/WFD /History of Deaf Education /History of Deaf Education in Bhutan -Finger Spelling (Receptive)	Signing short video Clips and video Conferencing PPT/ Written Language	To be kept for individual teachers and need to maintain appropriate record	11
English	Nidup	Google Classroom/Com prehension/Gram mer Pronouns/Has/ha ve/Letter writing Punctuations Grammer	Signing, short video Clips and video Conferencing /Pictures/work book/questions	To be kept for individual teachers and need to maintain appropriate record	11

Class ...X(Eng,Dzo,Maths,BSL, Social Studies, Science)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Dzongkha	Choki	Letter writing(applications) Names, words and sentences meaning and types. Nouns , pronouns and verbs	Signing, short video Clips and video Conferencing /Pictures/workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7
Science	Karma Tenzin S	Digestive System Reproductive Health	Signing, short video Clips and video Conferencing /Pictures/workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7
Social studies	Karma Tenzin G	Population(world and Bhutan) Dzongs in Bhutan, villages types	Signing, short video Clips and video Conferencing /Pictures/workbook Written - instruction	To be kept for individual teachers and need to maintain appropriate record	7
English	Nidup	Comprehension, grammar, Pronouns(has/have) Letter writing, Punctuation and grammar	Signing, short video Clips and video Conferencing /Pictures/workbook	To be kept for individual teachers and need to maintain appropriate record	7
BSL	Tenzin Dralha/ Sushila Gurung	Continent Asia 5 Parameters of a Sign 5 parameters Comprehension (receptive) Story telling (Receptive / Written language) Finger Spelling (Receptive) Economy (import/export) Famous Deaf People	Signing short video Clips and video Conferencing PPT/ Written Language	To be kept for individual teachers and need to maintain appropriate record	7
Maths	K.B Mongar	Place Value/Numbers /Whole number place	Signing, short video Clips and	To be kept for	7

		value; 4 Basic operations; Fractions and Decimals	video Conferencing /Pictures/workbook Written - instruction Written instructions followed by written examples and practice.	individual teachers and need to maintain appropriate record	
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Key Stage: 5 (Class XI)

Class ...XI(Tailoring, woodcarving, Painting)

Subject	Subject Teacher	Content to be Delivered	Mode of Delivery	Assessment	No of students
Tailoring	Namgay Zam	*Parts of sewing machine with drawing listing the each parts. *About alter sets with picture. * Equipments for the tailoring classroom. *Pattern of the kira,gho and tego. *How to maintain the sewing machines. *Way of the cutting tego, wonju and kira through video clips *Way of stitching parts. *How to ironing. *How to keep the working area clean	* Video clips. *Signing *Written *photos *personal video call	To be kept for individual teachers and need to maintain appropriate record	2
Wood carving	Wangdi Phuntsho	Drawing of Tag(Tiger) Drawing of taag,sang,chung and druk	* Video clips. *Signing *Written *photos *personal video call master photos	To be kept for individual teachers and need to maintain appropriate record	1
Painting	Sonam Tashi	*Eight lucky sign Dhug/Golden fish/Couch with dharchang./Lotus/treasure pot/endless node/victory flag/wheel of Dharma with dharchang.	* Video clips. *Signing *Written *photos *personal video call master photos	To be kept for individual teachers and need to maintain appropriate record	4

Suggestion for assessment of students' learning

1. At the end of each lesson, we should encourage teachers to ask few questions (not more than 3) mainly to find out, for example
 - What students have learnt, how students will be able to apply their learning etc.