GUIDELINES FOR

EDUCATION

DURING PREVALENCE OF COVID-19 PANDEMIC

Submitted by
Committee for Improvement of Online Education during
Prevalence of Covid-19 Pandemic

School Education Department,
Government of Mizoram

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A PART

1. INTRODUCTION:

Covid-19 hri lengin Mizoram mai ni lo khawvel pumpuia a chhe zawnga a ngawng nasat berte zing a mi chu zirna hi a ni. Hun rei tak chhung sikul khar a nih tak avangin state tinah naupangte zirna nasa taka tih bahlahin a awm a. Tun hnai maia zir chiannaa a lan dan chuan Mizorama naupang 241107 zet mai te zirna chu he hrileng hian a nghawng ni a chhut a ni. He hripui hi engtikah nge hnehin a awm ang tih sawi theih a nih loh avangin, zirtirna kan pek thin dan pangngai (conventional system – face to face) ni lo, kawng dang kan zawn a ngai ta a ni. Tun dinhmunah chuan naupangte nen hmun leh hmuna zirtirna kalpui a rem ta lo va, chutih rualin kan rama naupang sang tam takte zirna he hripui avanga a sukuk zel loh nan ngaihtuahna thar sengin, in zirtir dante tih danglama, online emaw a chang changa online emaw leh offline-te hmang kawpa tha taka zirtirna pek dan zawn a lo ngai ta a ni.

Duhthlan tur dang a awm loh avangin sikul tam takte chuan online-in zirna an kalpui a. He inzirtir dan thar hian classroom chhunga inzirtirna chu tluk lo mah se mimal tinte mahni remchan dan ang zela zirna kalpui tura siamrem theih a nihna hi a thatna a ni. Chutih rualin, thuneitu sang leh sorkar lam atanga online kalpui dantur kaihhruaina mumal a awm loh avangin nakin zelah zirtirna kawngah ngawng tha lo a awm palh thei. Ram pumpuiah online zirtirna hi kan kalpui dawn chuan, hmanrua hman theih awmte, internet connection awmna hmun anih leh nih lohte ngun taka ngaituah a ngai a. Tunhnaia zirchianna neihah online zirtirna chauh hman hian naupang thenkhat tan harsatna a thlen tih a ti lang.

1.1 April/May 2021-a Samagra Shiksha ten zirchianna an neih 'Access to Digital Devices' a a landan chuan zirlai naupang 38.31% ten zirna tur hmanrua an nei lo va. Primary section bikah naupang 50.33% ten an nei lo bawk. Chipchiar zawkin Annexure-1-ah tarlan a ni.

1.2 Covid-19 hripui lenlaia online zirtirna hmasawn theih nana rawtna siam turin Sorkar chuan Committee a din a, chu committee chuan DEO leh SDEO te kaltlanga Mizoram internet dinhmun zirchiangin, khaw tam takin harsatna an tawk tih an tarlang. Khaw tam takin signal an neih that loh avangin Online zirtirna kalpui an harsat thu an sawi bawk. Chipchiar zawkin Annexure-2 ah tarlan a ni.

1.3 Heng zirchianna pahnih atang hian technology hmanrua hian naupangten zirna an dawn kawngah daidaina/inthliarna a thlen tih a lang a. Heng indaidanna/inthliarnate hi kaihhruaina felfai tak (online emaw, offline maw) hmangin thiah a ngai a, zirtirtuten naupang tin zirtirna an pek theih nan heng – portal, apps, telecast/broadcast, Websites, YouTube, print resources, textbook leh zirlai tanpui thei hmanraw dangte an hman tangkai dan tur zawn a ngai ta hle tih a tarlang tel bawk awm e.

1.4 He zirtirna dan thar (online zirtirna) hlawhtling tur chuan nu leh pa, khawtlang hruaitute, leh tlawmngai pawl hrang hrangten mumal taka ruahmanna an siam a, an en thlithlai ui a, an tanho ngai a. Chu mai bakah, zirtirtu leh nu leh pa ten rilru inhawng taka he zirdan thar hi an pawm a, a taka kalpui thei tura an lo inpeih hi thil pawimawh tak a ni bawk.

2. ZIRLAI HMANRUA NEI LEH NEI LO THEN HRANNA:

Online leh offline zirtirna hlenchhuaha nih theih nan, zirlai naupangte chu a tlangpuiin ahnuaia mi ang hian hlawm hrang paruk ah then theih an ni.

2.1 Chhungkua device (hmanrua) nei leh nei lo:

i. Computer/Laptop/Smartphone (4G)/ Cable TV nei te.

ii. Smartphone (4G) nei te.

iii. Smartphone (3G/2G chauh hmang thei) emaw internet hmang thei lo te.

iv. Cable TV nei te.

v. Radio emaw, mobile phone a radio awmtel nei te.

vi. Device (hmanrua) nei lo te.

Chhungkuaa heng kawlte

💻	Computer/ Laptop/ Smartphone leh 4G internet connection, TV (DTH/Cable connection) awmna
📱	Smartphone 4G network hman theih
📞	Smartphone 3G / 2G network chauh hman theih emaw, awm lohna
🖥	TV - DTH emaw cable connection awmna
📻	Radio emaw, mobile phone FM hman theihna
⚠	Khawl thil awm lohna

Chhungkua achunga tarlan hmanrua pakhat chauh nei emaw nei miah lote tan online, online zeuh zeuh emaw offline emaw hmanga zirtirna pek dan tur ruahman a ngai ta a. Online zirtir dan hi chi hnih awmin, sikulte chuan an zirlaiten an tih theih chin ngaihtuah chungin, inbuktawk tak sia zirtir dan an siam a ngai a ni.

- **Synchronous:** Hetiang zirtirna ah hian zirlaite (huho emaw, mimal emaw) leh zirtirtute chu a rualin an in be thei a, ngaidante an sawi ho thei a ni. Synchonuos zirtirna pek theih dan thenkhat te chu – satellite emaw telecommunication hmanga video conference (alang ve ve a inbiaktawn chi te, video-a pakhat zawk chauh lang chi te) leh aw chauh hmanga inbiak te a ni.

- **Asynchronous:** Hetiang zirtirna hi chu khawi hmunah pawh, engtik hunah pawh pek/hman theih a ni. Entirnan: e-Mail, SMS, MMS, DIKSHA-a e-content, radio/podcasts ngaihthlak, TV en te.

Sikulte hian synchronous zirna hi digital learning hlawhtlin theihna awm chhunah ngaih ngawt tur a ni lova. Classroom chhunga hmaichhana inzirtirna kalpui dan dan anga internet kaltlanga tih ve kher hi tum ber tur a ni hek lo. Eng hunah pawh, khawi hmunah pawh hman theih online leh offline zirtirna chawhpawlh hian zirlaite mahni inhai kaw thei tura puiin, kawng tinrengah hmasawna a pe a, classroom-a hman theihloh hmanrua leh ruahmanna dangte hman thiamna hun remchang a siam sak.

3. DIGITAL/KHAWLTHIL HMANGA ZIRNA KALPUI DAN:

Khawl thil hmanga zirna kalpui dawn chuan zirlaite dinhmun hrang hrang leh khawlthil awm remchangte hre reng chungin ruahmanna siam tur a ni a. Chung ruahmanna zinga mi, an tana remchang ber chu thlangin an lo hmang mai dawn a ni.

Online mode
Computer, smartphone, internet connection nei

Partial online mode
Computer, smartphone, internet connection hman reng theih lohna

Offline mode
Internet connection awm lohna emaw, chiangkuan lohna

Television   Radio   Print Resources

3.1   Online Mode:

Computer/smart phone a internet connection neite chuan heng zinga mi an duh ber hi an thlang thei ang.
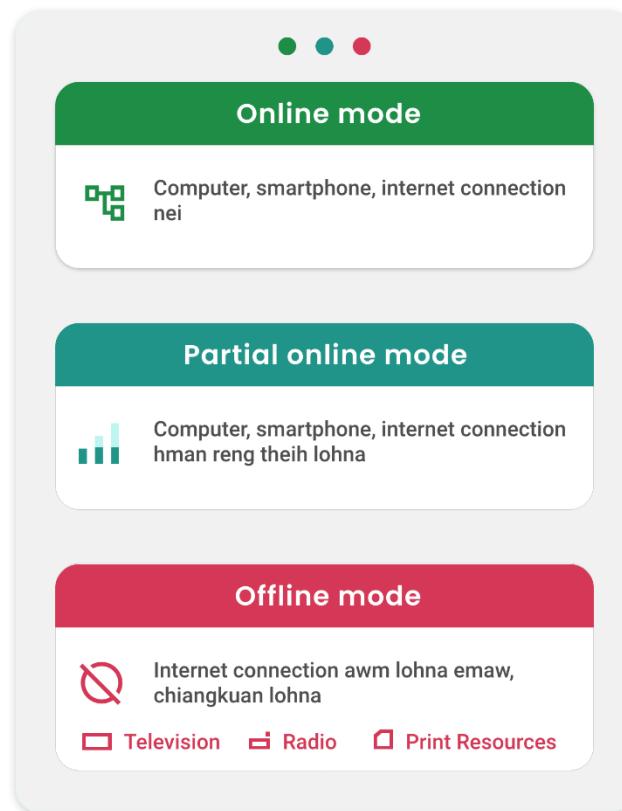
Model 1:
Zirtirtuten message/mail etc hmangin zirlaite kaihruai tura an buatsaih zirtur an thawn ang a. Zirlaite chuan lo en lawkin, video hmanga inbiakna an neih hunah, zawhna an neihte zawtin, an sawi ho ang.

Model 2:
Hmanrua engemaw ber hmangin video class neih hun tur ruat lawkin class an neihpui ang.

Model 3:
Learning Management System (LMS) hmangin live class neih hun tur an ruahman a, zirlai ten forum/group emaw kaltlangin zirhona hun neih tur a ni. LMS ah hian zirna pui theitu hmanruate in pe tawnin, assignment-te thehluh theih a ni bawk.

3.2   Partially Online Mode (A changa online):

Computer/smart phone nei, internet connection nei mumal si lo te chuan heng zinga mi engemw ber hi an thlang thei ang.

Model 1:

Zirtirtuten messenger/email etc hmangin zirna pui thei tu tur link-DIKSHA/epathsala/NROER/NDL emaw mitin hman theih tura awm platform dangte chu zirlai leh nu leh pate hnenah an thawn ang. Hengte hi zirlaiten pendrive/phone/computer-ah te offline-a hman atan an lo download ang. Heng bakah inchhiar zauna turin zirtirtu ten chhiartur dang an hrilh bawk ang.

Model 2:

Zirtirtu in zirlaite an zirlaibu bakah chhiar zau tur dang awm remchangte a kawhhmuh ang a, kar khatah vawikhat heng whatsapp, phone call, video callte hmang hian naupangte nen inbia in, inzirtirna hun an hmang ang.

Model 3:

Class tinte tan an zirlai mek mil ang zela pui thei tur in zirtirna video, hrilhfiahna DVD/CD zirlaite tiphur thei tur an thawn/entir thin ang. En zawhah zirtirtu chuan online-in naupang zawhnate chhangin an hriatthiam lohte a hrilhfiah leh ang. (Kar khatah vawi khat tal).

3.3   Offline Mode

Hmun thenkhat internet connection awm lohna leh chiangkuan lohna ahte chuan internet hman ngai lo hmanraw dang TV, Radio leh a dangte hmanga zirtirna pek thin a ni. Thu ziak sa (printed) hmangte pawhin offline zirna hi kalpui theih a ni.

TELEVISION HMANGIN

Model 1:

TV channel (DTH leh cable TV) ah te chuan class tina topic-te chu pek chhuah a ni a. Hemi avang hian naupang ten awlsam takin mahni inlum atangin an zir thei a ni.

Model 2:

Pendrive/DVD/CD hmanga class tinte tana zirtirna pek chhuah.

Model 3:

Zirlaiten an puala TV an neih mumal lohna hmun ah chuan vantlang TV hmangin zirlaite tan a huhova zirtirna pek theih a ni.

RADIO HMANGIN

Model 1:

AIR nen tang dunin Radio hmangin class tin zirlaite pekchhuah theih a ni.

Model 2:

Khawtlang /FM Radio channel-te hmangin zirna pui thei tur hmanrua te chu naupang mamawh ang zela siam remin pek chhuah theih a ni.

Model 3:

Zirlaiten an puala radio an neih mumal lohna hmunah chuan vantlang radio hmangin zirlaite tan a huhova zirtirna pek theih a ni.

THUZIAK AWMSA HMAN

Phase 1: Zirlaibu hmangin

Naupang tin ten zirlaibu/zirlai tanpuitu/zirna hmanraw dangte an nei tur a ni. Zirlaite chu an zir tur leh an zirlai tanpui thei turte siamsaka sem tur a ni.

Phase 2: An zir tur thliar, siam sak leh thlan sak

Step 1

In lama zirna chhunzawm tura tihtur hmasa leh pawimawh ber chu an zirlaibu leh a zirchhuah tumte hre reng chunga an grade, subject leh topic milte thlan a, an zir tur duan hi a ni. Chungte chu a ziak (print) leh digital form-a dah tur a ni.

Step 2

A tul a nih chuan an zirlaite chu MoE (Central sorkar)-in a thlawna hman theih digital e-learning platform hrang hranga siamte behchhanin uluka buatsaih sak ni se.

(i)   The DIKSHA Portal (Digital Infrastructure for Knowledge Sharing and Learning – http://diksha.gov.in/)

(ii)   MOOCs on SWAYAM (https://swayam.gov.in)

(iii)   e-patshala (https://epathsala.nic.in) ,

(iv) NROER (National Repository of Open Educational Resources – (https://nroer.gov.in), and State Portals (SCERT – https://scert.mizoram.gov.in; MBSE – www.mbse.edu.in), Apps, TV, Radio etc.

Phase 3: An zirlaite thiam bel tirna

An zirlaite an thiam bel theih nan zirtirtuin chapter tawpah emaw a remchan dan angin tihtur an zirlaibu behchhanin a siam ang a, a pe tur a ni. Hei hian zirlaite thiam chin chu zirtirtute a hriatchiantir ang a, an harsatnah an tanpui thei dawn a ni.

Phase 4: An thiam leh thiam loh tehna

Zirlai atanga an thiam tur an thiam chhuak em tih chu ngaih pawimawh ber tur a ni. Naupang tinin a zirlai a thiam leh thiam loh teh nan test paper leh practical in zawhnate pek thin tur a ni a. Academic Work Plan for Home Learning 2021-2022 for elementary schools leh The Week-Wise Plan for Secondary Schools milin test hunbi siam tur a ni.

Phase 5: Endik/vil

Eng programme pawh hlawhtling tur chuan ngun taka enpui leh vil hi a pawimawh em em a, chuvangin endik dan leh vil dan hi mumal taka kalpui tur a ni. Endik dan leh vil dan chuan heng thil pahnih Academic monitoring leh physical monitoring te hi a huam tel tur a ni. Endiktute chuan heng thil pahnihte hi ngaipawimawhin a zing thei ang berin an endik thin tur a ni.

4. ONLINE/ PARTIALLY ONLINE/OFFLINE ZIRTIRNA PEK DAN KALPHUNG INDAWT PARIATTE

Zirna kalpui chhunzawm zel nana Online/Partially Online/Offline hmanga zirtirna inpek dan kalphung indawt (steps) 8 a awm a, chungte:

4.1   Planning – Heng a hnuaia mite hre chung hian ruahmanna siam tur a ni.

- Naupangte zir thiam dan zawng

- An zirlai hriatchian

- Naupang, zirtirtu leh sikulin khawl (digital device) thil an neih dan hriat

- Zirtirna pek hun chhung

- Naupangte tihtur leh a tehfung

4.2   Identification – Online class kalpui thei tura hmanraw mamawhte hriatchian. Hei hian class tin rei zawngte, cyber security te, tehfung kalpui dan tur etc te a huam.

4.3   Arrangement – Class neih dan tur siam rem.

4.4   Guidance – A tantir te atangin zirtirna in a kaihhnawih zawng zawngte hnenah kaihhruaina pek tur a ni. A tel awm zawng zawngte teltir leh an hriat tur awm hrilhfiah hi a pawimawh em em a. Chuvangin, sikul chuan zirtirtute mai bakah, zirlaite leh an nu leh pate chu naupang zirlai chungchangah te, an topic zir turte, an tehdan kalhmang leh thil pawimawh dangte hrilhhriain a kaihruai thin tur a ni.

4.5   Communication – Zirtirtu, nu leh pate leh an fate inkarah inbiakpawhna tha tak a awm tur a ni.

4.6   Assign – Mimal emaw a huhova tihturte chu an hmanraw neih dan azira pek tur a ni.

4.7   Monitor – Zirlaite an inthlahdah loh nan zirtirtu ten zirlaite hmasawnna leh thlen chinte endik fo chungin tihtur an tuksak thin tur a ni.

4.8   Appreciate – Online/offline zirna avanga zirlaite an hnual mai loh nan, zirtirtute chuan zirlaite chu fak in mahni inrintawka an neiha, an zirlai an tuipui zel theihna turin an chawkphur thin tur a ni.

5. HEAD, ZIRTIRTU, NU LEH PA LEH ZIRLAITE KAIHHRUAINA

5.1. Sikul Head (Headmaster/Principal) leh Zirtirtute (Teachers) kaihhruaina

Zirtirtute hian naupang nunah hian hmun pawimawh tak an luah a, an tawngkam leh chetzia hmangin naupangte chu ngaihsaknate, hmangaihnate, duhsaknate leh kaihhruaina te an pe thei a ni. Hei vang hian digital platform hrang hrang hmanga zirtirna an pek naah an tawngkam leh cheziaah te an fimkhur a ngai hle a ni. Hemi mai bakah hian an zirlaite rilru leh taksa hriselna kawngah zirtirtu te hian mawhphurna sang tak an nei bawk.

5.1.1 Mamawh hriatchian hmasak (Need Assessment)

- Sikul hotuten inlama naupang tin ten zirna atana hmanraw pawimawh (ICT facilities) an neih dan hriat chian tumin, chumi hmang chuan pawlah thenin emaw ruahmanna dang siam nan an hmang thei ang.

- Class tina zirtirtu leh zirlaite tan (i) inbiakpawhna dan tur (ii) zirtir dan tur (iii) naupangte pui thei turte ngaihtuah tur a ni.

5.1.2 Ruahmanna (Planning)

- Sikul head-te chuan heng ICT hmanrua (laptop/tablet/internet/etc.) zirtirtu ten an hman theih dan tur ngaihtuahpuiin, tha taka an hman theihna tura fuih chung zelin hma an hruai ang.

- Digital technology hmanga zirtirna kalpui dan tur leh hman dan turte hi an hman tantirh dawnin zirtirtu, nu leh pa leh zirlaite hnehah hrilhfiah a, a tul dan azira hrilh nawn leh thin tur a ni.

- Head chuan zirtirtute chu nikhatah rei tak (darkar 6 – 8) zirtirna pe turin a beisei tur a ni lo a, ni khatah darkar 2 – 3 a tawk a. Amaherawhchu, zirtirtu chu a zirlaite leh nu leh pa ten an hlawkpui theih tur kawng dapin, zir turte siamin a inzir chhunzawm reng thei a ni.

- Awlsam taka inbiak pawh zung zungna turin zirtirtu, nu leh pa leh zirlaite telna class tin tan group (thu thawn theihna) siam tur a ni. Pawl hniam zawkah erawh chuan zirlaite aiawhin an nu leh paten an be pawp thei ang.

- Digital hmanga zirtirna hian zirlaite leh nu leh pate tan phurrit a siam tur a ni lo. Zirlai tan leh nangma (zirtirtu) tan pawha thlen phak loh tur ruahmanna sang tak tak siam loh hram tum tur a ni.

- Digital hmanga zirna kalpui dan ruahmannaah zirtitute leh nu leh pa aiawhte an tel thin tur a ni. Zirtirtu zawng zawng rawn chungin class tin tan time table felfai tak (online leh offline a tih tur) siam tur a ni.

- Zirlai zawh tuma hmanhmawh mai lovin, an zirtur dik tak zir chhuah tir tum tur a ni. Zirlaite phaktawk, kum, hmanraw neihte leh an zir chhuah tur duante ngaituah chunga ruahmanna siam tur.

- Nitina zirlaiten an hman tangkai theih tur life skills zir chhuah theihna tur ruahmanna ICT hmangin siam tur a ni.

- Digital hmanruate hi naupangin reitak an khawih chuan an hriselna atan a pawi thei a. Chuvang chuan an kum mil zelin an zir tur duan tur a ni.

- A theih hram chuan nu leh pa leh chhungte chu naupang zir nana hmanraw hman tur remchang thlan naah an tel ve thin tur a ni.

5.1.3 Screen time recommendation (Screen kaltlanga zirna neih theih hun chhung bithliahna)

CLASS	RECOMMENDATION
Pre Primary	Ni ruat bikah minue 30 aia tam lo nu leh pate kawmna neiha, kaihhruai.
Classes 1 to 12	- Academic Work Plan for Home Learning 2021-2022 for elementary Schools. http://scert.mizoram.gov.in - Week-Wise Work Plan for High Schools and Higher Secondary Schools. www.mbse.edu.in
Classes 1 to 8	Primary section tan sikulin online class lak hun tur a ruat ni ahte, zirtirtu leh zirlaite a ruala an inbiak theihna session hnih aia tam lo neih theih (minute 35-40 vel ve ve.)
Class 9 to 12	Sikulin online class lak hun tur a ruat ni ahte, zirtirtu leh zirlaite a ruala an inbiak theihna session li aia tam lo neih theih (minute 35-40 vel theuh.)

5.1.4 Online/offline hmanga a taka zirna kalpui dan

- Message/chat group/email-te chu thil pawimawh leh hriattur te, tihdan tur tha leh tih turte inthawn nana hman. (A tul hunah nu leh pate telh theih.)

- Kar tina an zirtir tur enlawkna leh an zir tawh ennawnna tarlan.

- Zirtirtute chuan zirlaite leh nu leh pate hnenah e-content te thawnin, in a an hmanraw neihte hmanga an lo zir dan tur hrilhin an kaihruai ang.

- Zirlaite hnathawh (tihtur tihte) zirtirtu ten endikin chhan letna an pe fo tur a ni.

- Sikul head chuan kar khatah vawikhat tal zirtirtu leh nu leh pate ngaihdan hre turin a kawm thin tur a ni.

- Digital hmanrua nei ve lote tan a huhova zirna emaw, thenawmte leh mi tlawmngaite hmanga zir theih dan kawng zawnpui.

- Heng ahnuaia tarlante hmang hian zirtirtuten an zirtir tur thlang chhuakin, zirlaite leh an nu leh pate hnenah an thawn ang a, chu chuan an zirna hmanraw hman tur an lo thlanna kawngah a pui ang.

  o 'kum mil'- naupangte mamawh, theihna leh tuina zawng rem/mil tur.

  o zir chhuah tur chian

  o awmze nei taka zirtir

  o awmna hmun leh khawsak phung mil

5.1.5 Tihtur kawhhmuh theihte

- An kum milin, naupangte thiamna tipung thei tur tihtur mawl te te pek.

- Kawng tinrenga hmasawnna pe thei tur, awlsam taka nu leh pa ten an tihpui theih mai tur tihtur pek.

- An chhehvela awlsam taka hmanraw hmuh theih awmte hmanga thil thlithlai a, chik a, zir chian leh tih chhin ve chakna nei thei tura naupangte chawh phur.

Note: Presentation te chu chhiar nuam tak, point 5 aia tam lo, infographics/graphs/charts leh table hmang tlem thei ang bera siam ni se.

5.1.6 Internet him taka hman dan

- Zirlaite, zirtirtute, nu leh pate chu internet him taka hman dan hriattir.

- Zirlaite chu cyber bullying (internet kal tlanga inhmuhsit, diriam leh tihduhdah) chungchang hrilhhriat a, an pumpelh theih dan tur zirtir a, anmahni pawh cyber bullying laka filhim tura fuih.

- I zirtirna leh hnathawhte tlangzarh duh pawh ni la, zirlaite mimal nun leh chanchinte, in inbiaknate, an thlalak leh video te social media-ah engti kawng mahin i tarlang tur a ni lo. Online zirtirna him tak siama, zirlaite pawh tihtur leh tih loh turte hrilh nawn fo tur a ni.

5.1.7 Pre School, Class I leh Class II te kaihruaina bik

- Hmaichhana zirtirna i pek thin ang in, online zirtirna pawh hlimawm taka kalpui thei turin ruahmanna siam tur.

- Naupangte chu nuam an tih zawng tur tihtur hrang hrang, thawnthu ngaihthlak leh chhiar tir bakah, heng- thil siam danglam, milem hmanga thuchhiar, art leh craft, puzzle, project, thumal thar zir, etc. te hmang hian tihtur (activities) pek chhunzawm ni bawk se.

- Naupang leh nu leh paten an ngaihdan leh hmuhdante an sawi theih nan video conference hmanga sawihona hun buatsaih thin ni se.

- Naupangten an thil zir tan tirh atanga an hnawthawhte chu an enlet leh theih nan nu leh paten lo dah that sak thin se, (thlalak or video in), na taka naupang nawr chuang si lovin.

- Nu leh pate chu an fate en thin TV channel hriatpuia, enthlithlai pui tura hrilh tur.

5.1.8 Class III leh a chunglam kaihhruaina bik

- Zirlaiten hahdam zawk leh rilru harhvang taka an zirlai an zir chhunzawm theih nan Class hnih (2) a zawna an neih hnuin minute 10-15 chawlh pek ni se.

- Online class neih chhungin zirlaite inberawna, sawihona nei thin tura fuih ni se.

- Zirlaiten an thiam chin chiang taka hriat theih nghal maina tur tehna siam se, hei hian zirna kawngah zirtirtu leh zirlai nasa takin a pui dawn a ni.

- Zirlaite chuan internet hman dan tha leh dik zawk an hriat theih nan hrethiam taka titi puiin fuih thin ni se.

5.1.9 Hriatturte

- Zirlaite tin te hmanraw neih dan chin hrereng chungin, zirtur leh tihtur te duan ni se.

- Zirlaiten anmahni thiam dan leh mamawh ang zel an zir tur an lo thlan theih nan tihtur (activities)-te chu audio, video leh audio-visual hmanga kalpui theih ni se.

- Zirlai dinhmun harsa zawk, chhungkaw zinga zirna dawng hmasa ber turte leh vohbik naupang (CSWN) ten online/offline hmanga zirna an dawn theih nan remchang siamsak ni se. Online/offline hmanga zirna kalpui kawngah zirlai tinte inpuitawna, thahnemngai tura fuih ni se.

5.1.10 Zirtirtu inbuatsaihna

Digital hmanga zirna atana zirtirtu inbuatsaihna chi hnih chu (i) Zirlaite hlawk leh tha taka a zirtir theih nan zirtitu chuan digital hmanruate hman dan a thiam hmasa tur ani. (ii) Pahnihnaah chuan zirna tichangtlunga hmasawnna thlen zel turin digital hmanruate a hmang tangkai ang. Zirtirtu chu digital hmanrua hmang tangkaia, intuaithar zel turin a inpeih reng tur a ni. Zirtirtu chuan:

- Digital technology (LMS, Apps, Web portals, Digital Labs, etc.) leh rampum, state leh khawvel huapa Open Educational Resources (OERs) dinhmun a zirchiang ang.

- Webinars, online training, online hmanga ICT kalpui dan leh infinkhawm dan zirnaah a tel ve thin ang.

- Teaching, learning leh assessment atan hmanraw (technology) inmil hman tur a thlang thiam tur a ni.

- Pawl hrang hrang tana SCERT leh MBSE-te buatsaih Academic Work Plan for Home Learning 2021-2022 leh Week-wise Plan 2021-2022 chhunga zirna kalpui dan tur tarlante a hmang tangkai ang.

- Forum, tuizawng inang leh zirna kaihhnawih online group-ah te telin, thurawnte la in, midangten eng tiangin nge digital zirna an kalpui hriat a tum tur a ni.

- Internet-a e-content leh zirna pui thei hmanruate enthlithlaiin, a thlawn leh copyright neite thlengin hriat a tum ang. Chung a thlawna hman theih chinte chu hmang uarin, internet-a awm zawng zawngte hi a thlawna neih leh tihdarh vek theih a ni lo tih a hre bawk tur a ni.

5.2. Nu leh pate tana kaihruaina

Covid-19 hrileng hian nu leh pa, chhungkua leh naupangte tan zirna kaihhnawiha chona thar tam tak a rawn keng tel a. Nu leh pa mawhphurhna chu tihzauhin a awm a, an fate zirna mai bakah, an rilru sukthlek leh taksa hriselna an ngai pawimawh tur a ni. Hrileng avang hian naupangten rilru lamah harsatna an tawk thei a, heng huna naupangte fuih phur leh thlawp an ngaihna apianga thlawp tlat hi nu leh pate mawhphurhna a ni.

A bik takin naupang te zawkte chuan an rilru a thil awm an sawichhuah thiam thin loh avangin nu leh pa leh chhungten internet emaw TV emaw an hman dan enthlithlai a, an venpui hi a pawimawh hle a ni. Internet leh khawl thil dangten nghawng thalo a neih theihte hre rengin, nu leh paten naupangte internet hmandan an enpui thin tur a ni. Nu leh paten an zawm tura rawtna thenkhatte chu heng te hi an ni.

5.2.1   Taksa leh rilru lam hriselna (Physical, Mental Health leh Well-being)

- Naupangte taksa leh rilru hriselna dinhmun hre turin, nu leh paten an titipui fo thin tur a ni.

- Digital hmanga thil an zir laiin naupangte chu thlithlai in, thaw-ipikna, hnualna leh thinrimna emaw nei tur angin an awm em tih hriat tum ni se.

- I fa chuan internet a hman danah thup a nei em tih thlithlai la. Entirnan, thil sawi that duh lohte, a thil en tawh i chhui theih loh nana nawh reh daih te, i en ve theih lo turah a hmanraw hman tih danglam emaw a hmuh veleh chea thil en a thlak daih ten. Internet i hman dante tlang taka sawipui a, chutianga hmang ve tura fuih chu a pawimawh hle a ni.

- Covid-19 chungchanga inenkawl leh inven dan internet-a awm te hrilhfiahin sawipui la. Chung video, animation, booklet hrang hrangte chu internet-ah hmuh tur tam tak a awm.

- Online zirna mai bakah infiamna dangte hmanga naupangte infiampuiin, screen- hmanga thil an zir hun chhung leh infiamna an neih hun chu a inbuk tawk thin tur a ni.

- Digital hmanga zirna an neih karlakah naupangte chuan taksa chet ngai pawnlama infiamna, insawizawi, etc na hun te an nei em tih enpui chu nu leh pate tihtur a ni.

- Nu leh pate chuan an fate chu digital hmanga zirna an neih kar lakah an taksa sawizawina turin pawnlamah infiamna an neih pui thin tur a ni.

5.2.2   (Invenna) Safety Measures

- TV/Laptop/computer-te chu pindanah te hung lovin, hmun ualau laia dah tur a ni a. Chu chuan naupangte digital hmanrua an hmang nasa lutuk tur leh an hmansualna tur lakah a veng ang.

- Digital hmanrua an hman dan tur kaihhruaina chu naupangte nen siam hovin an zawm tur a ni. Hei hian computer leh phone hman hun te, internet him taka hman dan te, TV en hun te leh internet a thil zawn hun te a huam tur a ni. Naupangte chu internet pawimawhna leh tangkaina te thiam taka sawipui thin tur a ni.

- Naupangte chu internet hman dan tha leh dik – tawngkam mawilo leh dengkhawng hmang lo tur te, midangte thlalak, video leh an chanchin an phalna la hmasa lo a tarlan sak that lohna te kan sawipuiin kan hrilhhre tur a ni a. Social Media-a an thil post turte an phochhuah hmain a him tawk em tih ngaihtuah hmasa thin turin thurawn kan pe tur a ni.

- Naupangte chu internet, mobile, messenger, forum, texting message etc te khawih nan hun an hmang nasa em tih kan enthlithlai thin tur a ni.

- Naupangten internet an khawih dawnin a him chin chauha an luh theihna turin nu leh pa ten an hmanraw hman tur te endikin an lo buatsaih lawk tur a ni.

- Tun hnai mai khan CBSE chuan zirlaite tan internet him taka hman theih dan "Manual on Cyber Security for Learners' a siam a, hei hi an website http//cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf - ah en theih a ni e.

5.2.3   *Zirna (Teaching and Learning)*

- Naupangte vila hma an sawn theih nan nu leh pate chu sikula thuneitute nen an in be fo tur a ni.

- Naupangte chu nitina an thawh tur leh tihturte felfai taka tuk sak thin tur a ni a. Hei hian zirtirtuten online hmanga tihtur an pekte pawh a huam ang.

- Nu leh paten an fate zirnaa hma an sawn theih nan, zirtirtute leh naupang dang chhungte nen heng zawhna te hi sawihovin ruahmanna an siam tur a ni.

- Tunkarah naupangten eng nge an zir ang?

- Naupangten an zirlaiina a zir chhuahtir tum an thiam ngei theih nan eng digital hmanrua leh kaihhruainate nge an mamawh?

- Engtin nge heng digital hmanrua leh kaihhruainate chu naupangten an lo dawn theih ang?

- Engtin nge kan faten an zir tih kan hriat ang?

- Online a thil an tih/zir laiin tarmit, bengdar leh an mamawh dangte an hmang em tih chian tur.

- Naupangte chu computer, TV, laptop leh mobile khawih in rei tak kan thut tir tur a ni lo a, an peih lo chung online activity ti turin kan nawrlui tur a ni lo.

5.3 Zirlaite Tana Kaihhruaina

Sikula zirna hi a chhawrtu leh tangkaipui ber te chu zirlaite an ni a. Rilru leh taksa hrisel taka an zirlai an zir chhunzawm zel theih nana zirlaite kaihrhruaina kawngte chu heng te hi a ni.

5.3.1 Online leh Offline inbuk tawk

- Mut hun, ei hun, imternet hmanga lehkhazir leh thian kawm hun bithliah leh vawn.

- Online-a thil zir bakah zirlaibu leh lehkhabu dangte chhiar thin.

- Online class-a zir bak mahnia lo in zir belh ve zel.

- ICT hmalakna hrang hrang te hman tangkai.

- Online class laia a pawimawhte chhinchhiaha a hnua ennawn leh thin.

- Online, net surfing leh screen en hun chhung bituk tur, secondary level naupangte tan a rei berah darkar hnih aia rei lo.

- Screen hmaah rei tak thu lovin, online activities neih karlakah zik mar, veikual te, thawk lakte leh chhungte biak lumlam te tih thin tur a ni.

- Mobile/computer hian rilru leh ngaihtuahna a chawlh hahdam tir theih loh avangin, mut hma minute 40 velah khawih tawh loh tur a ni.

5.3.2 Safety and Ethics Related Precautions (Himnan leh inven nana tih turte)

- Internet-a mimal chungchang tarlan hmain nu leh pate phalna lak hmasak.
- Cyber bullying laka fihlim tura fimkhur.
- Online dan dik leh tha (netiquette) zawm.
- Games khel mai mai lova, internet tangkai leh awmze neia hman.
- Online hmanga zirtirna (video conferencing, WhatsApp, etc.) kalpui a nih laiin zahawm taka inchei tur, a theih chuan sikul uniform hak tur a ni.

5.4 Vohbik naupangte (CWSN) online zirna a tanpui

Vohbik naupangte chuan zirtirtute tanpuina an mamawh thei a. Online teaching a harsatna awm thei pumpelh nana inkaihhruaina te chu:

5.4.1   Zir tur siam/thlan leh inhmantawm

- Heng audio book/talking book, TTS, sign language video, audio tactile material, etc te buatsaih a hman tur thliar hran.

- Online-a zirtirna neih hmain zirtur tlangpuite hriat lawk tir tur a ni. Chung zir tur tlangpuite chu format hrang hrang hmanga buatsaih tur a ni.

- Vohbik naupangte chu NIOS sign language TV channel leh sign language programme dangte thlir thin tura fuih tur a ni.

- An chhanna te, assignment leh an thil thawh zawh te, Project leh homework te chu an remchan dan (types, recorded, audio visual with gestures, adult/sibling supported) anga thehluh phal tur a ni.

- Vohbik naupangten online hmanga zirna tha an dawn theih nan NCERT curriculum ennawn fo ni se.
  (http://ciet.nic.in/pages.php?id=accesstoedu&In=en&In=en)

5.4.2   Vohbikte enkawl dan tur

Online hmanga zirna pek dawnin vohbik naupangte chu thliar hrang lovin, midang zinga teltir tur a ni.

6. DIGITAL EDUCATION KALPUI CHHUNGA RILRU LEH TAKSA HRISELNA LAM INKAIHHRUAINA

Digital hmanga zirna kalpui chhung hian taksa leh rilru hriselna lam ngaih pawimawh tel a ngai a. Taksa chetna ngaihthah te, khawl thil rei tak hmante leh taksa chet velna tlem lutuk hian rilru leh taksa a tha lo zawngin a nghawng thei a ni.

6.1   Ergonomic Aspects

- Digital device hman laia taksa awm thin dan/dah thin dan hian rilru leh taksa hriselna a nghawng thei a. Awm dan ngai renga reitak awm hi a hrisel lo hle a ni. Hemi bakah hian digital hmanrua rei tak khawih hian a chhe zawngin hriselna a nghawng thei a ni.

- Laptop/mobile hman laia thut dan a pawimawh hle a, online laiin eng hmanrua pawh hmang ila ngil tak leh dik taka thut tur a ni. Hmanraw hrang hrang hman laia awm dan tur dik a hnuaiah tihlan a ni.
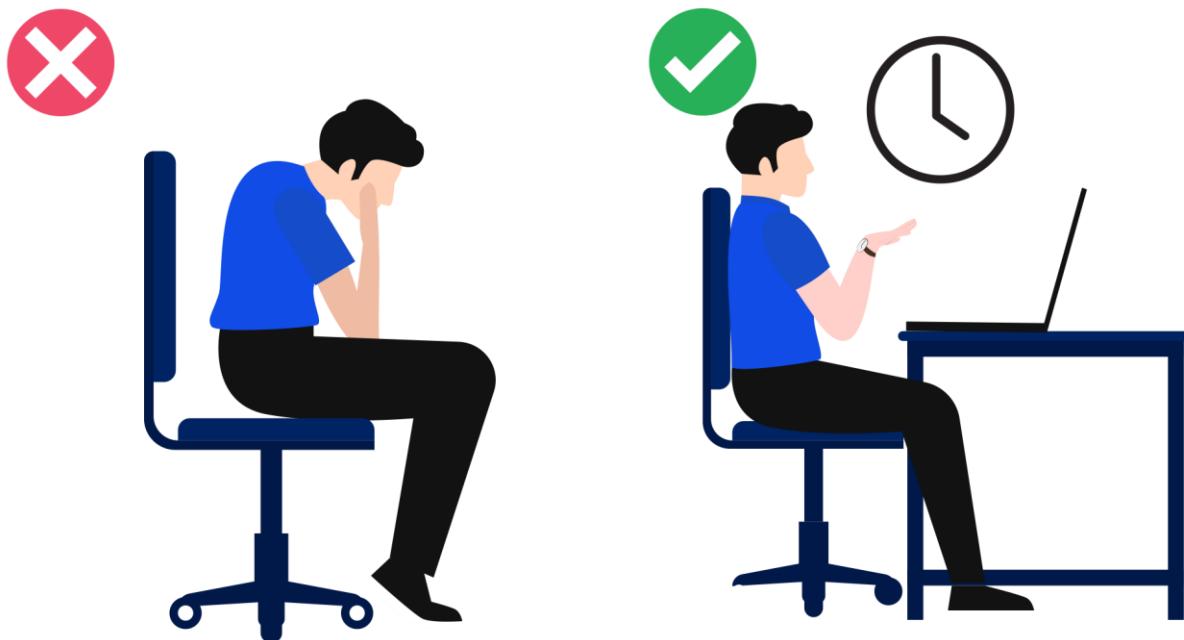
Rei tak duhdah taka hnungzang kham ṭhum khawpa ṭhut

Minute 20 dana ṭhut dan leh awm dan siamṭhata chet kual
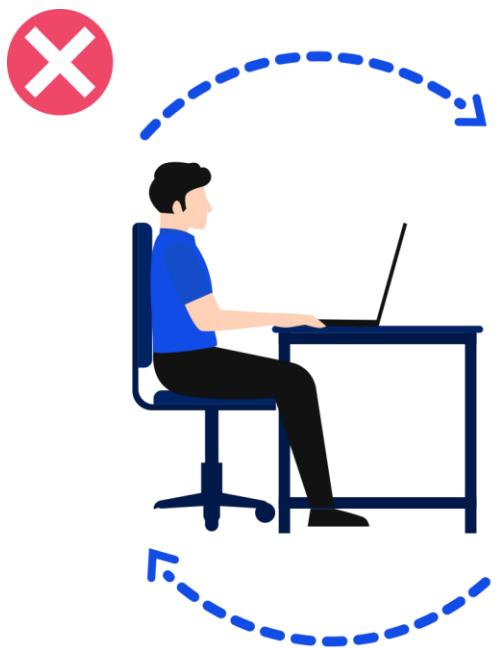
Hun rei tak tinbuai lova din emaw ṭhu
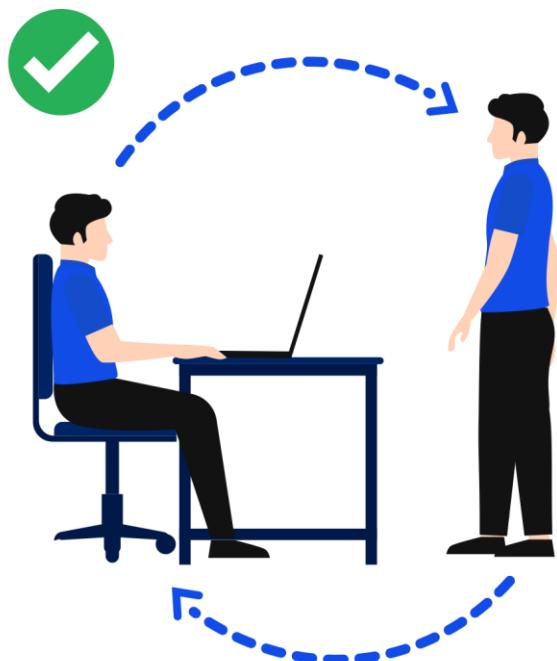
**A theih anga tam din leh ṭhut inchhawk**
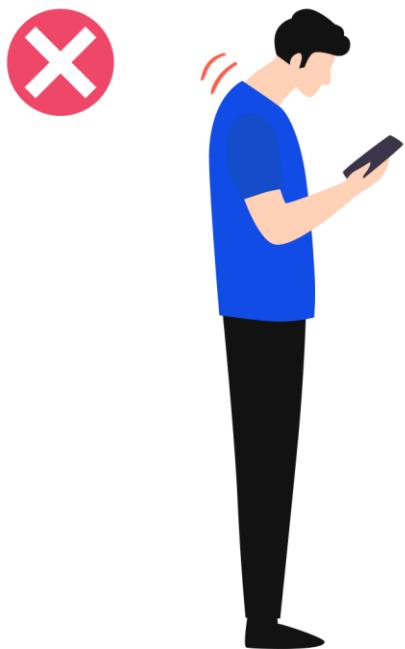
Hma lama kun chunga phone bih

I phone emaw tablet hman laiin ngil taka hmai zawna ken

Kul taka ṭhut

Ngil taka ṭhut

too close

back pain

knee pain

ankle pain

ideal range

straight back

relaxed arm

tilted monitor

arm rest
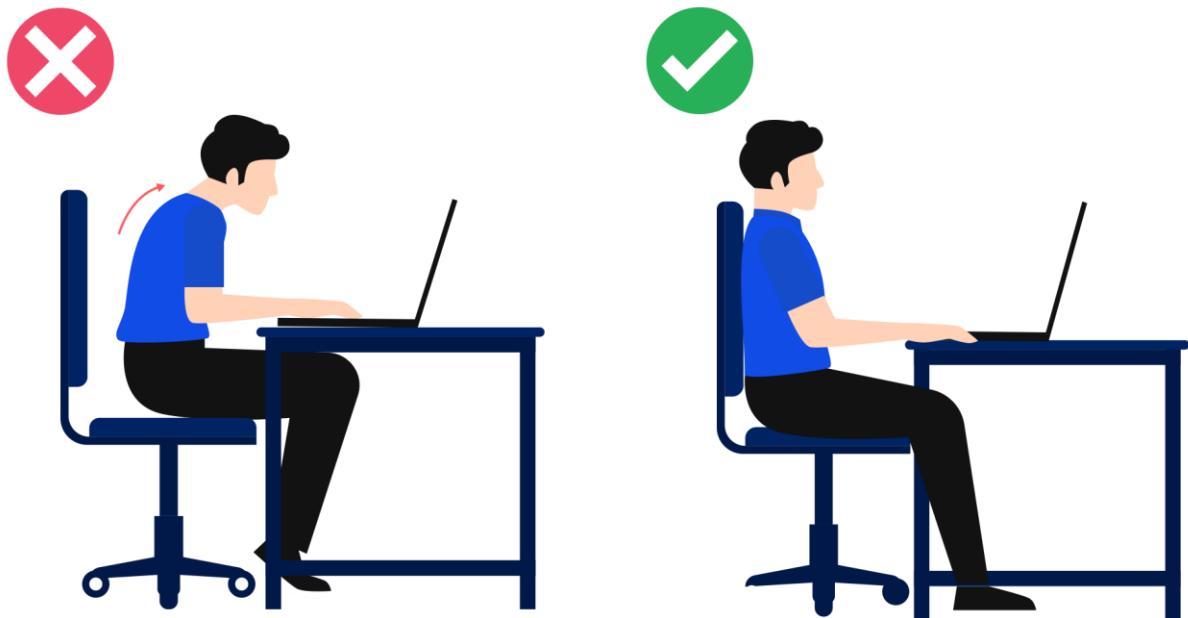
relaxed foot
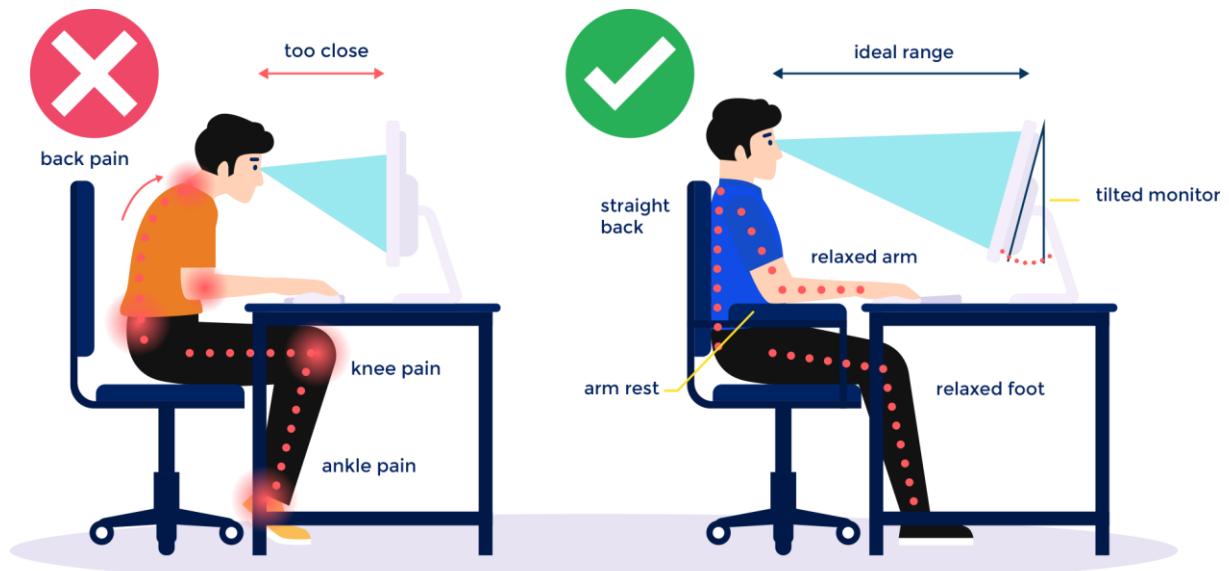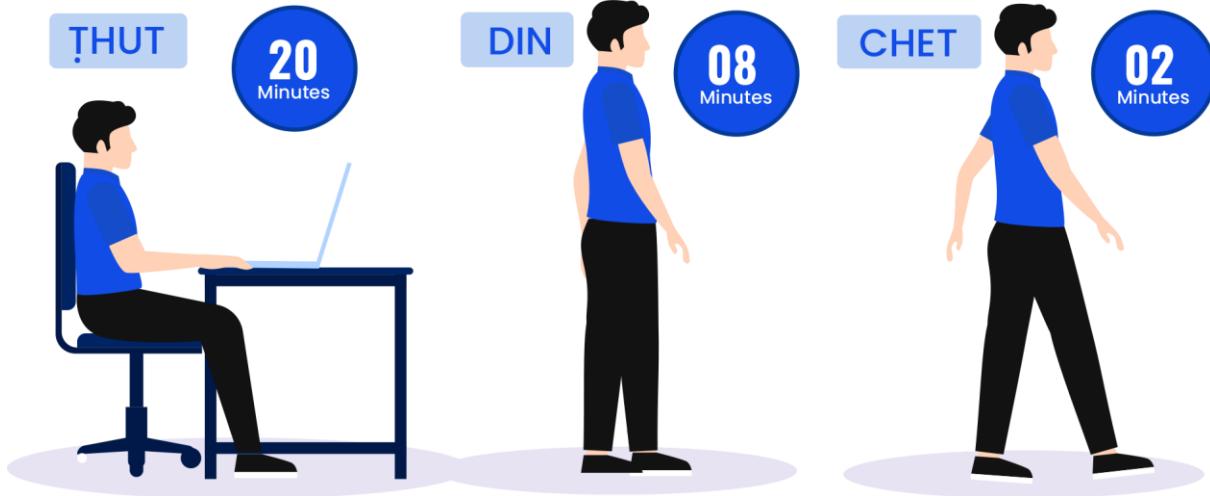
6.2 Exercises

- Mumal taka taksa sawizawi hian kan taksa raldo khawl leh tihrawl, ruh leh ruh chuktuahte a tichak thei a ni.

- Mit kham loh nan, chauh loh nan, thisen kal tih that nan leh ruh chuktuah na te awm loh nan computer/TV/mobile phone hman atanga 30-60 minute zelah kan chawl thin tur a ni, chawlh chhung chuan veikual tur a ni. Screen kan enin minute 20 danah second 20 vel zel mit chawlh hahdam thin tur a ni.

- Digital hmanraw hmaa thut laiin din leh insawizawina neih thin tur a ni.

6.3 Rilru Hriselna Lam

- Internet hmansualte, him lo leh mawilo taka thil thleng a awm chuan puitling/zirtirtute hnenah zirlaiten an sawi tur a ni. Zirtirtute pawhin chutiang harsatna an tawh chuan thuneitute hnenah thlenin a tul chuan police hnenah te pawh an thlen tur a ni.

- Zirlaite chu internet hman chungchanga an mawhphurhna hrilh hriat a, hmansual chuan midangte nun, khawtlang leh rilru nasa takin a hliam thei a ni tih hriattir tur a ni.

- Zirlaite nuna danglam deuh/diklo te hre thei turin zirtirtu leh puitling ten mit an len tur a ni a, chutiang a awm chuan counsellor an rawnsak tur a ni. Harsatna an tawk tih hriat theih dante chu:

- o Depression neite chu an hlim lova, beisei an nei lova, nun hlutna an hre lova, mahni an inngaihhlu lova, engahmah tuina an nei lo.

- o Anxiety neite chu an awm hle hle thei lova, an chau a, thil an ngaihtuah rei thei lova, an thinrim hma a, tihrawlna an nei a, mut an harsat thin.

- o Stress/tension neite chu an hahdam thei lova, an rilru a kanglang a, an thinrimin an lungawi lo hma, thil an la na hma a, an dawhthei lo fo bawk.

6.4   Learning Environment

Zirna hmun chu a eng thain boruak a dawng tha tur a ni. Bengchheng tam lutukah video call hman a harsa a, tin, online laklawh laiin video-te chhuah loh tur. A rem chuan earphone hman bawk tur a ni.

B PART

RECOMMENDATIONS – OPERATIONAL GUIDELINES FOR IMPLEMENTATION OF GUIDELINES FOR EDUCATION DURING COVID-19 PANDEMIC

For successful implementation of Guidelines for Education during Prevalence of Covid-19 Pandemic, the committee recommends the following for consideration of the Government.

Education during pandemic requires coordinated efforts of all stakeholders and effective supervision and monitoring at all levels. To create this platform in which participation of the key functionaries may be ensured, it is considered necessary to constitute committees at the State level and local level to whom the powers and functions of State Level Committee may be delegated for the successful implementation of the Guidelines. Hence, committees as given hereunder may be constituted as soon as the guidelines are notified for information of the general public.

1. **STATE LEVEL COMMITTEE FOR EDUCATION DURING PREVALENCE OF COVID-19 PANDEMIC:**

(a) They shall be a State Level Committee to be called State Level Committee for Education During Prevalence of Covid-19 Pandemic under the Chairmanship of an officer not below the rank of Joint Secretary in the State Government, preferably Secretary to the Government of Mizoram, School Education Department to monitor and supervise implementation of Guidelines for Education during Covid-19 Pandemic. This committee may be consisted of the membership of the following stakeholders:

   i.   Representatives from Directorate of School Education

   ii. Representatives from Directorate of SCERT, Mizoram,

iii. Representatives from MBSE

iv. Representatives from Samagra Shiksha, Mizoram

v. Representatives of MTF and MISA

vi. Representatives of ICT Department

vii. Representatives of Education Department, MZU

(b) The State Level Committee shall be the apex body for Education during Prevalence of Covid-19 Pandemic and shall be responsible for the effective implementation Page 2 of 6 of the Guidelines with support from all offices under School Education Department like Directorates and field offices. The committee may delegate powers and responsibilities to Director of School Education, Director, SCERT and Chairman, MBSE as may be deemed necessary.

2. LOCAL LEVEL COMMITTEE FOR EDUCATION DURING PREVALENCE OF COVID-19 PANDEMIC:

(a) There shall be a Local Level Committee for Education during Prevalence of Covid-19 Pandemic under the chairmanship of Chairman, Local Council or President, Village Council as the case may be. Recommended body of the committee is as given below:

   i. Chairman, LC/VCP – Chairman

   ii. Representative of Branch YMA – Vice Chairman

   iii. Two members each of Representatives from –

   o Teachers

   o Parents

   iv. Educationist

   v. Volunteer (if any)

   vi. Member Secretary (to be appointed by the committee)

(b) The committee may appoint Member Secretary from amongst Headmaster or Senior Teachers of Govt. Schools within the locality in addition to Teachers' Representative in already nominated in the committee.

(c)   The committee may appoint Member Secretary from amongst Headmaster or Senior Teachers of Govt. Schools within the locality in addition to Teachers' Representative in already nominated in the committee.

(d)   Initially, Chairman and Vice Chairman of the committee may select Teachers Representative, Parents Representative and Educationist within the locality after which Member Secretary may be appointed in the first meeting of the committee.

(e)   The Local Level Committee shall be responsible for the following:

   i.   Ensure availability of textbooks/TLM for all students in the area

   ii.   Creating conducive environment of smooth and effective learning at home for all students.

   iii.   Distribution and collection of Textbooks/TLM, reports, student worksheets and Test papers.

   iv.   Sensitization of students regarding Covid Appropriate Behaviour (CAB),SOPs and safety and preventive steps against the pandemic.

   v.   Organize co-curricular activities like Quiz/Debate, Painting, Essay/slogan writing, painting and story writing etc.

   vi.   Watchdog for implementation of Guidelines for education during pandemic.

   vii.   Review the performance of schools within their jurisdiction in the implementation of guidelines based on the Monitoring Report.

3.   DUTIES AND RESPONSIBILITIES OF OFFICIALS IN THE IMPLEMENTATION OF THEGUIDELINES FOR EDUCATION DURING COVID-19 PANDEMIC:

(a)   Directorate of School Education:

   (i)   Administering Monthly Monitoring format prepared by SCERT and MBSE for schools and field offices and enforce executive powers and control over officers under his control to ensure regular submission of monitoring report

   (ii)   Collect and consolidate Monitoring Report for submission to the State Level Committee

   (iii)   Develop specific Standard Operating Procedure (SOP) educational activities during Covid-19 pandemic and enforce the same

(iv)   Ensure availability of manpower resources to carry out all activities required by the Guidelines.

(v)   Ensure timely distribution of Midday Meal during School closure due to pandemic

(b)   Directorate of SCERT, Mizoram:

(i)   Develop Monthly Monitoring Format for all Elementary Schools

(ii)   Development and review of Academic Work Plan for Home Learning

(iii)   Develop supplementary learning material whenever required

(iv)   Develop Play-based kit for Pre-School

(v)   Providing technical support to the State Level Committee in all

(c)   Mizoram Board of School Education:

(i)   Develop Week-wise Plan for all Secondary and Higher Secondary Schools

(ii)   Develop Monthly Monitoring Format for all Secondary Schools and Higher Secondary Schools

(iii)   Providing technical support to the State Level Committee in all matters pertaining to academic activities of Secondary and Higher Secondary Schools

(iv)   All matters relating to assessment and evaluation relating to Secondary and Higher Secondary Schools

(d)   State Project Director, Samagra Shiksha, Mizoram:

(i)   Financial Support for implementation of Guidelines for Education during Prevalence of Covid-19 Pandemic

(ii)   Prepare and deploy all field officers and staff for implementation of Guidelines as may be required

(iii)   Providing reliable statistics to State Level Committee

(iv)   All matters relating to documentation and publicity

PART C

ANNEXURES

ANNEXURE – 1

SUMMARY OF SURVEY REPORT WITH RESPECT TO CONNECTIVITY

1. A Survey on Access to Digital Devices by Samagra Shiksha in April/May 2021 shows that there is 38.31% percentage of students without device across the sections of School Education. There are 50.33% of children without device in the Primary section alone. A table showing detailed information is shown as follows:

Section	Enrolment	Students with Access to Devices (e.g., TV, Mobile Phone, Computer, etc.)	Students without Access to Devices (e.g., TV, Mobile Phone, Computer, etc.)
PRIMARY	50090	24880 (49.67%)	25210 (50.33%)
UPPER PRIMARY	41149	26572 (64.58%)	14577 (35.42%)
SECONDARY	16150	12997 (80.48%)	3153 (19.52%)
HIGHER SECONDARY	7616	6494 (85.27%)	1122 (14.73%)
TOTAL	**115005**	**70943 (61.69%)**	**44062 (38.31%)**

2. The Committee constituted by the Government to make suggestions for Improvement of Online Education during Prevalence of Covid-19 pandemic conducted a survey on the status of internet connectivity in Mizoram; results show that there are many villages where internet connectivity is an issue. Reports of irregular signals and

insufficient signal strength coming in the way of online classes are also submitted by many villages. A complete report of the survey is shown in the following table.

a)   DEO-WISE (covering High Schools & Higher Secondary Schools)

Sl.No	DEO	No. of villages with Internet connectivity Problem	No. of villages with Cable TV Problem
1	Aizawl	Nil	Nil
2	Lunglei	12	1
3	Siaha	17	17
4	Champhai	1	Nil
5	Serchhip	Weak Signals	Nil
6	Kolasib	Nil	Nil
7	Mamit	7 Very weak Signals	7 Weak Signals
8	Lawngtlai	Weak Signals	Nil
9	Hnahthial	Irregular Signals	3
10	Khawzawl	Weak Signals	Nil
11	Saitual	Nil	Nil

b)   SDEO-WISE (covering Elementary Schools)

Sl.No	SDEO	No. of villages with Internet connectivity Problem	No. of villages with Cable TV Problem
1	Aizawl East	Nil	Nil
2	Aizawl West	Nil	Nil
3	Aizawl South	Nil	Nil
4	Darlawn	4	8
5	Saitual	Nil	2
6	Lunglei North	3	15
7	Lunglei South	10	20
8	Lungsen	25	52
9	Hnahthial	Irregular Signals	1(+)
10	Serchhip	Nil	3
11	Thenzawl	Nil	Nil
12	North Vanlaiphai	Weak Signals	Nil
13	Champhai	9	4
14	Khawzawl	Weak Signals	Nil
15	Kolasib	3	11
16	Kawnpui	Nil	5
17	Mamit	2	3
18	Kawrthah	Irregular Signals	13
19	West Phaileng	19	3
20	Ngopa	Weak Signals	1

ANNEXURE – 2

ACTIONS TAKEN BY VARIOUS STAKEHOLDERS TO IMPLEMENT ONLINE/OFFLINE EDUCATION DURING 2020 - 2021 ACADEMIC SESSION

Owing to the COVID 19 pandemic, schools could not commence as usual in the 2020-21 academic session. Hence, several initiatives were undertaken by the various sectors under the education department to ensure that teaching and learning would continue as smoothly as possible.

A.   INITIATIVES TAKEN FOR CHILDREN WITHOUT DEVICES

Sl. No.	Activities for children without access to digital devices at the district level
1	(i) '4-Week Alternative Academic Calendars for Elementary Schools in Mizoram' prepared in 2020-21 by the SCERT was utilized by all Elementary Schools during the suspension of normal classes. (ii) The 'Week-Wise Plan' for Secondary and Higher Secondary Schools consisting of 16 weeks plan prepared in 2020-21 by the MBSE was utilized by all Secondary and Higher Secondary Schools during the suspension of normal classes. (iii) Dissemination of printed learning materials. (iv) Development of Bridge Course for Primary and Middle Schools by SCERT to ensure that students were taught the core components of their syllabi despite closure of schools. (v) Conducted confined classes for a small group of children without access to digital devices with the approval of Village Level Task Force and Village Councils following SOP of Covid-19 Pandemic on a strict basis. (vi) Inclusion of children without digital devices via their neighbours or their classmates with digital devices.

2	Home visits of students for supporting them in their studies especially in rural areas. Written home assignments were distributed by teachers during home visits and students submitted the assignments to the school on preassigned date and time, evaluation and assessment of the students learning outcomes were conducted with the help of these assignments
3	Collecting a small group of children without access to digital devices by Teachers in their areas for test
4	Collecting a small group of children without access to digital devices by Teachers in their areas for the exam
5	Reduction of syllabi by 30% in both secondary and higher secondary schools were made wherein dissemination of printed learning materials of the reduced syllabi were carried out.

B. INITIATIVES TAKEN FOR CHILDREN WITH DEVICES

I. **PREPARATION OF TUTORIAL VIDEO CLIP:** The Media Cell of the Directorate of School Education and the Directorate of SCERT in collaboration initiated preparation of tutorial clips with contribution from Elementary School Teachers, High School Teachers and Higher Secondary School Lecturers. 161 Tutorial video clips for all subjects at the secondary school level were prepared by MISSTA.

II. **BROADCAST/DISSEMINATION OF THE PROGRAMME THROUGH ELECTRONIC MEDIA:** Telecasting of Tutorial Classes for Elementary and Secondary School Students through DDK, Aizawl, and two private TV channels (Zonet & LPS) was started. Students in remote areas and urban areas could receive the programme equally.

III. **YOUTUBE:** The contents of Tutorial classes were made available in the School Education Department's YouTube Channel:

- Zirna Huang:

    https://www.youtube.com/channel/UC38ssuQLMmPPyo2yi8cEboQ

- SCERT Mizoram's Channel Zirlaite Puitu

  https://www.youtube.com/channel/UC4rCYqo5ur0pb5OllNBcCAA

- Students who miss the Scheduled Time in Television could access through YouTube Channel as per his/her convenience.

- 161 Tutorial video clips for all subjects at the secondary school level prepared by MISSTA were made available in MISSTA ACADEMIC Channel.

  https://www.youtube.com/channel/UC2TIOY_cr3R5a2d3xHlPy2w

IV. **COMPACT DISC:** Some of the contents of Tutorial Videos (Class IX and X-Science and Mathematics) was written in Compact Discs and distributed to all the District **Education** Offices and all the DEOs circulated the same in all the concerned Schools which greatly helped both the teachers and students in the rural and remote areas.

V. **EDUCATIONAL TV PROGRAMME:** The School Education Department, Government of Mizoram also started an Educational TV programme known as Zirna Huang which was telecast by DDK, Aizawl. Through this programme, various activities of the Department including Tutorial Video Clips were publicized and disseminated for the public interest.

VI. **MISSTA ACADEMIC CHANNEL:** Apart from the programme, each subject at the secondary level in Class 9 and class 10 were also uploaded in the MISSTA ACADEMIC Channel.

VII. **BOARD EXAMINATION:** In Mizoram, amidst COVID-19 Pandemic, Board Examinations viz. High School Leaving Certificate Examination, 2021, and Higher Secondary School Leaving Certificate Examination 2021 were conducted successfully throughout the state following the Government's SOP strictly.

VIII. **USAGE OF GOOGLE CLASSROOM:** Google classroom was used extensively at the secondary and higher secondary school levels for uploading tutorials by the teachers, handing out of study materials and handing of assignments, test/assignment questions by the teachers and the respective answer paper by the students.

IX. **USAGE OF ZOOM/GOOGLE MEET:** Zoom/Google meet were also used for virtual classroom teaching as well as for oral tests and for clarification of doubts by the students at the secondary and higher secondary levels.

X. **USAGE of WHATSAPP:** Formation of WhatsApp groups by the subject teachers was a common occurrence among the secondary and higher secondary schools for subject related matters and inquiry**.**

XI. **ONLINE EDU CHALLENGE:** The Online Edu Challenge programme was initiated by the SCERT in April & May, 2020, as a weekly activity to ensure that children and teachers utilise their time in a meaningful manner during the lockdown period.

C. TEACHER CAPACITY-BUILDING:

I. **NISHTHA on DIKSHA:** SCERT Mizoram launched the NISHTHA training programme on the DIKSHA portal on 15th October 2020 which concluded on 15th January 2021 in 6 batches. No. of Teachers who have completed NISHTHA training **6522** against the target of **8951 teachers in face-to-face mode** and **2607** against the target of **2250 teachers in online mode**.

II. **6-Month Certificate Course in Early Childhood Care and Education:** A 6-month Certificate Course on Early Childhood Care and Education (ECCE) for in-service teachers due to be launched in March was initiated online on 1st May 2020 and was completed in blended mode on 30th March 2021. Late completion of the course is due to disruptions brought on by the COVID-19 pandemic. 26 Elementary school teachers completed the course.

III. **Online School Health and Wellness Programme:** Capacity-building Programmes in 3 Districts (Mamit, Champhai, and Siaha) was conducted during March 2021 for School Health and Wellness Ambassadors (Heads and Teachers of High Schools) in online mode in collaboration with MoHFW under the aegis of Ayushman Bharat.

IV. **6-Month Certificate Course in English Language Teaching:** The first batch of 6-month Certificate Course in English Language Teaching (ELT) for in-service teachers was initiated on 3rd November 2019 and was completed on 5th February 2021 under severe restrictions imposed by Lockdown during the pandemic.

V. **Online Modules on School Leadership in Regional Language:** Online Modules on School Leadership in Mizo were developed by the SCERT and are available at http://pslm.niepa.ac.in/ for school heads and teachers willing to upgrade their knowledge and skills in School Leadership.

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