



**LUHLOLO LWAVELONKHE LWEMNYAKA 2013
TINKHOMBANDLELA TELUHLOLO
TIBALO
LIBANGA 3**

SINGENISO

Umjikeleto weLuhlolo Lwavelonkhe Lwemnyaka 2013 (ANA) utawubhalwa kuto tonkhe tikolo temiphakatsi kanye naletikhetsiwe letitimele kusukela mhla ti-10 kuye ku-13 Inyoni 2013. Ngalesikhatsi bonkhe bafundzi bemabanga 1-3 batawubhala tivivinyo tavelonkhe teLulwimi neTibalo bese imiphumela yakhona isetjentiswa kubika ngenchubekela embili ekufinyeleleni emigomeni lebekwe ku *Action Plan 2014 Towards Schooling 2025*.

Tivivinyo teLuhlolo Lwavelonkhe Lwemnyaka (ANA) titawubhalwa ngethemu yesitsatfu ngakoke Litiko Letemfundvo Lesisekelo (DBE) libhale umculu loyinkhombandlela welibanga ngalinye esifundvweni ngasinye (Lulwimi Lwasekhaya neTibalo) lochaza lokuncane lokucuketfwe yikharikhulamu lokumele kwentiwe ngibo bonkhe bafundzi ngembikwekubhala sivivinyo.. Tinkhombandlela teluhlolo tibeka imikhawulo ngekweluhlaka lwemsebenti lekumele wentiwe kusivivinyo selibanga ngalinye esifundvweni ngasinye. Tinkhombandlela teLuhlolo Lwavelonkhe Lwemnyaka 2013 (ANA) takhiwe tahambisana nelushintjo lwekharikhulamu isetjentiswa kulesigaba.

SIGABA SABOKHEWANE

Emabangeni 1-3, tivivinyo titawufaka umsebenti lomisiwe wemathemu ekucala lamatsatfu emnyaka. Kulamabanga tinkhombandlela tihlelwe ngemakholamu lamatsatsu nemigca levndlile. Umkhakha walokucuketfwe lotawuhlolwa uvetwe kukholamu yekucala, tihloko letitawuhlolwa tivetwa kukholamu yesibili kwase kutsi emakhono lahlosiwe latawuhlolwa avetwa kukholamu yesitsatfu.

Kumele kucashelwe kwekutsi tinkhombandlela teLuhlolo Lwavelonkhe Lwemnyaka 2013 (ANA) ativeti bungako baloko lokumele kufundziswe kabuye kufundvwe ngemnyaka. Kepha Tinkhombandlela teLuhlolo tiniketa lokumbalwa lokusisekelo sekharikhulamu lokumele kube kwentiwe nakuphela ikota yesitsatfu yemnyaka.

Kulindzeleke kwekutsi bothishela batisebentise leTinkhombandlela teLuhlolo kanye naletinye tinsita ekufundziseni kwabo nasetinhlelwani tabo tekuhlola.

UMKHAKHA WALOKUCUKETFWE	TIHLOKO	EMAKHONO LAHLOLWAKO Kuhlola kutsi umfundzi uyakwati:
TINOMBOLO, TIMPHAWU TEKUBALA NEBUDLElwANE	Kubala: uye phambili nasemuva	kubala ngema- 20, 25, 50, ne- 100 kusukela kunobe nguyiphi inombolo lesemkhatsini we- 0 - 700
	Tinombolo netinombolo ngemagama	kubhala tinombolo ngemagama (0-500) nangetinombolo (0-1000)
	Chaza, catsanisa, ubuye uhlele tinombolo	kucatsanisa tinombolo letiphelele kusukela kulenkulu kakhulu kuye kulencane nakulencane kakhulu kuye kulenkulu kakhulu. kusebentisa tinombolo te-odinali kukhomba kuhleka, indzawo nobe kubekeka
	Simelibungako	kuhlahlela tinombolo lettingemadjithi la- 2 nala- 3 kuye e- 750 tibe ngemamalhiphuli emashumi kanye nemivo
	Emasu ekusombulula tinkinga	kwakha, kuhlahlela / kuphindza, kuhhafula / imigcatinombolo nekusondzeta eshumini
	Kuhlanganisa nekususa	kusombulula tinkinga tetibalo temagama letikusimongcondvo abuye achaze sisombululo lesifaka ekhatsi kuhlanganisa nekususa lokunetimphendvulo letifika e- 800
	Kuphindza kuhlanganisa lokuholela ekuphindzaphindzeni	kubala asebentisa kuphindza kuhlanganisa lokunetimphendvulo letifika e- 75 (tinkinga tetibalo temagama)
	Kugcogcela ndzawonye nekwabelana	kusombulula tinkinga tetibalo temagama letifaka ekhatsi kwabelana ngalokulinganako nekugcogcela ndzawonye tinombolo letiphelele litifika e- 75 letifaka timphendvulo letinensalela
	Tincetu	kusombulula tibalo kusimongcondvo abuye achaze tisombululo tetinkinga letifaka ekhatsi kwabelana ngalokulinganako lokuholela etisombululweni letifaka ekhatsi tincetu talokuhamba ngakunye.

	Imali	kubona abuye atfole imali yaseNingizimu Afrika lebuhhehlu neyemaphepha kusombulula tinkinga tetibalo temali letifaka samba nentjintji ngemarandi nemasenti kugucula emarandi kanye nemasenti
UMKHAKHA WALOKUCUKETFWE	TIHLOKO	EMAKHONO LAHLOLWAKO KUHLOLA KUTSI UMFUNDZI UYAKWATI:
EMAPHETHINI, EMAFANGISHINI NE- ALJEBRA	Emaphethini eJomethri	kutsatsela abuye achubekisele phambili emaphethini lalula lentiwe ngemidvwebo yemigca/bobunjwa
	Emaphethini etinombolo	kutsatsela, kuchubekisela phambili nekuchaza kulandzelana lokulula kwetinombolo lokungenani letifika e- 750
SIKHALA NABUNJWA	Kubekeka	kufundza, ahumushe abuye advwebe emabalave langakahleki, nobe kubuka ngetulu ligcogco letintfo kutfola tintfo letikumabalave
	Tintfo letingemadayimenshini lamatsatfu (3-D)	kusho abuye abhale emagama etintfo letingemadayimenshini lamatsatfu (3-D)
	Bobunjwa labangemadayimenshini lamabili (2-D)	kusho abuye abhale emagama abobunjwa labangemadayimenshini lamabili (2-D)
	Kuhlukanisa emkhatsinii kulingane ngalokufanako	kubona abuye advwebe umugca lowehlukanisa emkhatsinii kulingane ngalokufanako kubunjwa
SILINGANISO	Sikhatsi	kufaka sikhatsi ewashini letintsi. kubala budze nekwendlula kwesikhatsi kufundza tinsuku ekhalendeni kusebentisa emakhalenda kubala nekuchaza budze besikhatsi ngemalanga, ngemaviki nobe ngetinyanga. kugucula emalanga nemaviki/emaviki netinyanga

	Budze	kukala, kuhlela abuye arekhode budze ngemasentimitha (cm)/ milimitha (mm)
	Sisindvo	kubona abuye arekhode sisindvo setintfo letipakelwe kutsengiswa letinesisindvo lesikhonjisiwe. kusebentisa lulwimi kurekhoda umehluko emkhatsini wesisindvo setintfo letehlukene
	Umtsamo	kubona abuye arekhode umtsamo wetintfo letipakelwe kutsengiswa letinemtsamo lokhonjisiwe kusebentisa lulwimi kurekhoda umehluko emkhatsini wemtsamo wetintfo letehlukene
KUSEBENTA NGEDATHA	Hlatiya ubuye uhumushe	kuphendvula imibuto ngedatha lekubhagrafu kuveta idatha kubhagrafu