



cfu; knh rkyhe ¼vkulln fudru fo |ky; ds d{kk vkBoh½ dh l ¼kfr , oa f'k{k.k vf/kxe  
çfØ; k% , d fo'y'sk.kkRed v/; ; u

vuii døkj fl g

¼, e-fQy- 'kks'kkFk½ f'k{k fo /ki hB]e-xkavafga-fo-fo-o/½ [anoop.281190@gmail.com](mailto:anoop.281190@gmail.com)

**Abstract**

l h[ku&fl [kkus dh vlr%Ø; k f'k{k d , oa f'k{kFk½ ka ds e/; yxkrkj gsrh jgrh gA vc vf/kxe dh 'ksh dks fdl  
çdkj l s çHkkoh cuk; k tk; s A ; g , d egloimk ç'u gA cfu; knh rkyhe ds ikB i Øe ds varxir vk/kkjHr f'kYi  
tS &çf'k] drkb&çukb] ydMh] peMh] feeh dk dke] i¼rd dyk] eNyh ikyu] Qy o l Çth dh cdxokuh]  
ckfyakvka grq xgfoKku rFk LFkkuh; , oa Hk&ksyd vko'; drkva ds vuþhy f'k{kçn gLrf'kYi bl ds vykok  
ekrHk'kk] xf.kr] l keftd v/; ; u , oa l keku; foKku] dyk] fgnh] 'kkjhjd f'k{k vkfn j [kka f'k{k.k fof'k dks  
f'k{k.k ds okLrfod dk; &fØ; kvka vj vuþkoka ij vfuok; l : i l s vk/kkfj r fd; ka muds vuþ kj f'k{k.k fof'k  
0; kogkfjd gA djds l h[kuk] vuþko }kjk l h[kuk rFk fØ; k ds ek/; e l } l eok; &i) fr dk mi; kx fd; ka  
f'k{k d , oa f'k{kFk½ ka dk 0; ogkj fe=or gß ikB i <k; s tkus ds nkjku ç'u mükj ds ek/; e l s l h[ku&fl [kkus dh  
çfØ; k gsrh gA f'k{k d d{kk ea l h[ku&fl [kkus dh çfØ; k ea çgr vf'kd l gHkfxrk yrs gß vj fo'k; oLrq dks gj  
l Etho ç; kl djds l h[kus vj fl [kkus dh çfØ; k ea 'kkfey gkdj l h[krs vj fl [krs gß A vkr&fu; U= k }kjk  
vuþkk l u dk l eflz djrs gA vkr&vuþkk l u ij cy fn; k trkgA ikB i Øe ea f'kYi] tS &çf'k] l r dkrk  
vj çuk] ydMh dk dke]xÜks dk dke] /krq dk dke] cdxokuh] peMh dk dke] vkfn 0; fäxr , oa l keftd xqkka  
ds fodkl ds fy, çPpa dks bfrgl] Hkksy] ukxfj d'kkL=] ççfr&v/; ; u] thou&foKku] 'kjhj&foKku]  
LokLF; &foKku] j l k; u&foKku] ouLi fr&foKku] u{k=&foKku vkfn dks 'kkfey fd; k x; k gA



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cfu; knh rkyhe fo |ky; vkulln fudru l ekt l s vj 0; ogkfjd thou l s tMh gß vl;  
fo |ky; ka dh vi{kk i¼rdh; Kku ds l kFk gh l kFk 0; ogkfjd rFk jkstxkj ijd f'k{k dk ikB  
i <krk gA cfu; knh rkyhe ds fo |ky; dh l ¼kfr] fo |kFk½ ka ds l KkukRed] ckskkRed rFk  
vuç; kxkRed rhuka çdkj dh f'k{k.k çfØ; kvka ij vk/kkfj r gß ftl l s fo |kFk½ ka dk l okxh.kz  
fodkl gsrk gA

f'k{k fdl h Hkh jk"V ds fuekZk dh vk/kkf'kyk gA f'k{k i) fr , oa l ekt 0; oLFk ea  
?kfu"Bre l Ecu/k gS A f'k{k dh /kj h f'k{k d vj f'k{kFk½ gA , d fof'k"V mís; dks l keus j [kdj  
gh og ckyd ds fuekZk ea çoÜk gsrh gS A l h[ku&fl [kkus dh vlr%Ø; k f'k{k d , oa f'k{kFk½ ka ds  
e/; yxkrkj gsrh jgrh gA vc vf/kxe dh 'ksh dks fdl çdkj l s çHkkoh cuk; k tk; } ; g , d  
egloimk ç'u gA l h[ku&fl [kkus dh 'ksh ea fo |ky; h okroj.k] l keftd okroj.k dk çHkko  
ns[kus dks feyrk gA ftl çdkj dk fo |ky; gkxk] mnkj.k ds fy, l h-ch, l -bz vk/kkfj r]  
fo |ky; ka es f'k{k dka ds fl [kkus dh 'ksh ijEi jxr fo |ky; ka l s fHkuu gsrh gA tgk; cfu; knh  
rkyhe fo |ky; ; u; h rkyhe , d vyx çdkj dh i) fr gA tks xkxh th ds rhu , p- %gM] gS M o  
gkV½ ij vk/kkfj r gA ; gka ds f'k{k.k i) fr vl; fo |ky; ka l s fHkuu gß ; gk; dh f'k{k.k i) fr ckyd  
ds 0; kogkfjd thou l s tMhFs gq s gLr dS ky] gLrf'kYi vkfn ek/; eka l s f'k{k çnku djrh gS  
Af'k{k dks l ekt ifjorü dk , d l {ke vax ekuk x; k gS D; kfd f'k{k ftl çdkj ekuo eu dks

ekM=rh g\$ ekuo m/kj gh eM+ tkrk g\$ bl fy, ; g vko'; d tku iM=rk g\$ fd LoLFk l ekt ds fuekZk ds fy, LoLFk f'k{kk i) fr dk fodkl vko'; dgA

cfu; knh rkyhe fo|ky; dh , frgkfl d fLFkfr &

cfu; knh rkyhe f'k{kk vR; r egRo i wkl , oa cgeV; gA bl s o/kkZ ; kstuk] u; h rkyhe] cfu; knh rkyhe rFk cfI d f'k{kk ds ukela l s Hkh tkuk tkrk gA xkZkth us 1937 ea u; h rkyhe dh ; kstuk cuk; h ftI s jk"V0; ki h 0; kogkfjd : i fn; k tkuk FkA muds 'k\$kd fopkj f'k{kk' kfl=; ka ds rRdkyhu fopkjka l s esy ugha [kkj] bl fy; s çkjEHk ea muds fopkjka dk fojk'k gvkA xkZkth ds thuo&i ; Ur pys l R; ds vLo\$sk.k , oa jk"V ds fuekZk grq l f0; ç; kska ds ek/; e l s yEcs l e; rd fopkjka ds xgu eFku ds ifj.kkeLo: i u; h rkyhe dk n'kZ , oa çf0; k dk çkntkkb gvk tks d0y Hkkj ro"lZ gh ugha] vfi rql Ei wkl ekuo l ekt dks , d u; h fn'kk nus ea l {ke FkA vkt rks vkye ; g g\$fd 'k\$kf.kd] l keftd , oa vkfFkd 'f"V l s Hkkj r i q% i k' pkr; l keT; okn ds v/khu fujUrj l jdrk pyk tk jgk gAkyd vkj euq; ds 'kjij] eLr"d vkj vkRek ea tk; s tkus okys l okke xqkka dk pgeq[kh fodkl djuk gA vr% ckyd ds l okkh.k fodkl grq ml ds 'kkjhfd] ekufI d] c\$) d , oa vk/; kRed xqkka dk fodkl djuk gA cfu; knh rkyhe jk"Vh; l H; rk] l çfr ds utnhd Fkh] l kFk gh l kFk l kepkf; d thou ds vk/kkjHkr 0: ol k; ka l s tMh g0Z Fkh rFk l h[ks gq vk/kkjHkr f'kYi ds }kj k 0; fä vius thou dk fuokZ dj l drk FkA vr% ; g f'k{kk gekjs thou ds cfu; kn ; k vk/kkj l s tMh g0Z Fkh] bl fy, bl dk uke cfu; knh rkyhe ; k vk/kkjHkr f'k{kk j [kk x; ka xkZkth us cfu; knh rkyhe ds ikBî 0e ds vxr vk/kkjHkr f'kYi t\$ & çf"kl drkb&çukb] ydMh] peMh] feeh dk dke] i qrd dyk] eNyh ikyu] Qy o l çth dh cxxokuh] ckyd kvka grq xgfoKku rFk LFkkuh; , oa Hkkskfyd vko'; drkvka ds vuphy f'k{kkçn gLrf'kYi bl ds vykok ekrHk"kk] xf.kr] l keftd v/; ; u , oa l keku; foKku] dyk] fgnh] 'kkjhfd f'k{kk vkfn j [kka f'k{k.k fof/k dks f'k{k.k dk okLrfod dk; &f0; kvka vkj vutkoka ij vfuok; Z : i l s vk/kkfjr fd; kA muds vuq kj f'k{k.k fof/k 0; kogkfjd gkA ckydka dks foHkku fo"k; ka dh f'k{kk fdl h vk/kkjHkr f'kYi ds ek/; e l s nh tk, A djds l h[kuk] vutko }kj k l h[kuk rFk f0; k ds ek/; e l s l h[kus ij cy fn; k x; kA xkZkth us cfu; knh rkyhe ea l h[kus dh l eok; i) fr dk mi ; kx fd; kA ftI ds vxr mlgkus l eLr fo"k; ka dh f'k{kk fdl h dk; Z ; k gLrf'kYi ds ek/; e l s nhA xkZkth dh f'k{kk l çkh fopkj/kkj dh çkl fxdnk orZku ifjç\$; ea mi ; ç 0; k[; k dk eir; kadu fd; k tk, rks bl rF; ij igprs g\$fd xkZkth dk f'k{kn'kZ orZku ifjç\$; ea Hkh çkl fxd gA

cfu; knh rkyhe fo|ky; dh l çfr&

cfI d f'k{kk ds ikBî 0e dh vof/k 7 o"lZ dh g\$A 7 l s 14 o"lZ ds ckydka , oa ckyd kvka dks fu%kyd , oa vfuok; Z f'k{kk nh tk, A f'k{kk dk ek/; e ekrHk"kk gA fgnh Hk"kk dk v/; ; u ckydka rFk ckyd kvka ds fy, vfuok; Z gA l a wkl f'k{kk dk l çkh vk/kkjHkr f'kYi l s gkrk gA pqs gq f'kYi dh f'k{kk ndj vPNk f'kYi h cukdj LokoyEch cuk; k tk, A f'kYi dh f'k{kk bl çdkj nh tk, fd ckyd ml ds l keftd , oa okLrud egRo dks l e> l dA 'kkjhfd Je dks egRo fn; k x; k rkfd l h[ks gq f'kYi ds }kj k thfodksi ktZu dj l dA f'k{kk ckydka ds thou] ?kj] xke rFk xkeh.k m|ksk] gLrf'kYi ka vkj 0; ol k; ?kfu"V : i l s l çh/kr gkA ckydka }kj k cukbZ xbZ oLrq a ftudk ç; ksx dj l ds , oa mudks cpdj fo|ky; ds Åij dN 0; ; dj l dA ckydka , oa ckyd kvka dk l eku ikBî 0e j [kk tk, A NBoha vkj l kroha d{kkvka ea ckydka, a vk/kkjHkr f'kYi ds

LFkku ij xgfoKku ys l drh gA i kBi Øe dk Lrj oržku ešV'd ds l ed{KA i kBi Øe ea vaxsth vksj /keZ dh f'k{kk ugha nh xbz gA

cfu; knh rkyhe fo|ky; dk Hkkšrd Lo: i &

cfu; knh rkyhe fo|ky; %vkun fudru] egkj"V jkT; o/kkz ftys ea fLFkr l pxxke uked LFkku ij ; g fo|ky; fLFkr gš tkfd egkRek xkalkh th ds cfu; knh rkyhe f'k{kk i) fr ij vk/kkfjr gA; g fo|ky; egkRek xkalkh ds fuokl LFkku cki w d/h l s, dne tMk gqvk fLFkr gAbi fo|ky; dk okrkj.k , dne ckrfrd gš tgka ij ekrHk"kk ea fo|kffkz; ka dks f'k{kk çnku dh tkrh gA; gka ds Hkkšrd Lo: i dh ckr dja rks ; gka ij ul jh] d{kk 1 l s ydj ds d{kk 10 rd dh d{kk, a ç' k{kr f'k{kdka }kj l pkyr gkrh gAgj d{kk ds fy, ds fy, vvx&vyx Hkou cus gq gš ftu ea d{kk, a l pkyr gkrh gA gj d{kk ea cBus dh mfpr 0; oLFkk gA gj d{kk ea vko'; drkuq kj fo|qr mi dj.k gš [ksyus ds fy; s i; klr LFkku] fo|ky; ea ckyd rFkk cfydkvka ys fy, vvx&vyx 'kkšky; ka dh 0; oLFkk dh x; h gA foKku fo"K; ds v/; ; u ds fy; s ç; kx'kkyk, j dEI; wj f'k{kkçnku djus ds fy, dEI; wj rFkk dEI; wj d{k dh 0; oLFkk dh x; h gš] æhr fl [kkus ds fy; s foHkUu ok |; U= dh 0; oLFkk] Øk]V ds dke tš s fl ykb&çukb] d<kbZ dkxt l s foHkUu çdkj ds [ky ds l ekuks dks cukus ds fy; s d{kk d{k dh 0; oLFkk dh x; h gš fo|ky; ea gh cxxokuh ds dke ds fy; s [krka dh 0; oLFkk vkfn 'kkfey gA cfu; knh rkyhe fo|ky; f'k{kd&f'k{kkFkhZ dh fLFkr&

cfu; knh rkyhe fo|ky; ea i <kus okys f'k{kd , oa f'k{kkfFkz ka dk 0; ogkj fe=or gš f'k{kdka vksj fo|kffkz; ka ds e/; i kBi i <k; s tkus ds nkjku ç'u mUkj ds ek/; e l s l h[ku&fl [kkus dh çfØ; k gkrh gš f'k{kd d{kk ea l h[ku&fl [kkus dh çfØ; k ea cgr vf/kd l ghkkfxxrk yrs gš vksj fo"K; oLrq dks gj l EHko ç; kl djds l h[kus vksj fl [kkus dh çfØ; k ea 'kkfey gkdj l h[krs vksj fl [krs gš A f'k{kdka vksj fo|kffkz; ka ds e/; i kBi i <k; s tkus ds nkjku ç'u&mUkj ds ek/; e l s l h[ku&fl [kkus dh çfØ; k gkrh gš cfu; knh rkyhe ds fo|ky; ea f'k{kdka }kj l pkyr vksj l pkj çkš] kfxdh mi dj.k vksj vuç; kxka dks 0; ogkj ea ykdj l h[ku&fl [kkus dh çfØ; k dks jkpd cukdj vlr%Ø; k djrs gA f'k{kd&fo|kffkz; ka dh vf/kxe vko'; drkvka dks vf/kd egRo nrs gA fo|kffkz; ka ds e/; vf/kd vlr%Ø; k ns[kus dks feyrh gš A d{kk f'k{k.k ds nkjku Nk=ka ds 0; fäxr vuHkoks तथा विचारों को बढ़ावा दिया जाता है । शिक्षक द्वारा विद्यालय में वाचन प्रश्नोत्तर, मॉडल, समूह dk; j] ppk&ijppk] 'd'; &J0; l kexh rFkk fo|kFkhZ dks fopkj djus ea T; knk l s T; knk l fu/k feykus okys mi Øe vkfn mi dj.kka ds ek/; e l s thou l s tMEdj d{kk f'k{k.k dks çHkko 'kkyh cukrs gq vlr%Ø; k djrs gA , d fo"K; fo'kšK gkus ds ckotw vi us fo"K; l s brj dkbZ fo"K; dks i <kus ds fy, vlr%Ø; k Lo: i f'k{kd kfr'khy] vuHko nrs gq s vU; fo"K; ka l s tkMedj tš & j l kb] cxxokuh] dks foKku l s tkMfs gq i <krš gA fo|kFkhZ , dkxrk l s l pu] ç'u iN] l eng ea fu/kkfjr fd; s x; s fo"K; ij ppkZ dj] Kku dks vkRel kr dj] i kBi dks /; ku i wZ l e>] fl [kk; s x; s Kku dks 0; ogkj ea yk; a A f'k{kd vki su , .MM ç' ukoyh %D; k] ds } D; k] dk fuekZk dj dš fo|kffkz; ka l s [kydj l; kj l s kra dj dš fo|kffkz; ka dks fo"K; oLrq ds vuq kj l e>krš gš fo|kffkz; ka dks 0; kogkfj d Kku dk l unHkZ ydj fo"K; dk i wZ Kku txir djds mlga fo"K; ds vuqny #fp c<kus dk ç; Ru djrs gš rFkk ml ij ppkZ djrs gš ft l s fpuru 'kfä dk fodkl gkrk gA f'k{kd vlr%Ø; k ds nkjku ekrHk"kk dk vf/kd ç; kx gkrk gA ekrHk"kk ds l kF&l kFk vaxsth] fgunh rFkk l kfr dk Hk ç; kx gkrk gš A f'k{kd kfr djokdj] ekš[kd ç'u iNdj] ç'ka k dj dš ekš[kd o fyf[kr ew; kadu] rFkk Nk&h&Nk&h pkyr.kh yrs gš ml ij ppkZ djrs gš fd l dks T; knk feys vksj

fdl dks de bl ij vUr%Ø; k ugha djrs g\$ f'k{kdk }kj vUr%Ø; k ds nk\$ku l e; &l e; ij fo|kfkz ka ds crkb ij mfpr i "Bi k\$ .k ¼QhMcB½ nrs g\$ A f'k{kdk ds }kj vUr%Ø; k ds nk\$ku l h[kus ea vkus okyh tks ck/kk; a gsrh g\$ t\$ & {kerkvk l keftd] vkfkb] 'k\$kf.kd i fjLFkfr; ka dk gkuk] d{kk ea x\$ gkftjh fn[kkuk] d{kk ea , dxz u jguk] rjg&rjg ds fo|kfkz ij Hkh fuHk\$ djrk g\$ t\$ & Nk/s fo|kfkz ka ds fy; s T; knk /; ku nuk i Mfk g\$ vk\$ cM+ fo|kfkz ka ds fy; s de /; ku nuk i Mfk g\$ fo|kfkz ka dh ekuf drk ij Hkh fuHk\$ djrk D; kfd gj fo|kfkz l eku ugha gsrk g\$ oxz fHkUurk] Hk\$kk dh l e> gkuk vkfn cPpka dks fl [kkus ea vkus okyh ck/kk; a g\$ ftuds fujkdj .k f'k{k d vUr%Ø; k ds ek/; e l s djus dk ç; kl djrs g\$ cfu; knh rkyhe fo|ky; dk vuq kkl u&

cfu; knh rkyhe fo|ky; ea vkRe&fu; U=.k }kj vuq kkl u dk l eFku djrs g\$ vkRe&vuq kkl u ; k ml vuq kkl u ij cy fn; k tks euf; ds Hkrj l s i \$nk g\$ vkRe&vuq kkl u vkRe&fu; U=.k] fuHk\$ rk rFk vkRe&R; kx l s i \$nk gsrk g\$ bl s vfgd d 0; ogkj l s çklr fd; k tk l drk g\$ ; gk\$ f'kYi & d\$uær f'k{k l keftd vuq kkl u dks çkRl kfr djrh g\$ vr% mudh vuq kkl u l Ecl/kh /kkj .kk 0; fäxr ugha g\$ ; g l keftd&vuq kkl u dh /kkj .kk g\$ tkfd f'k{k }kj vkn'kz ukxfj dka ds fuekz k ij tk\$ nrh g\$ ftl l s fo|kfkz ns k ds l Qy mÜjnk; h ukxfj d cu\$ cfu; knh rkyhe fo|ky; dk i kBi Øe&

i kBi Øe fØ; k&d\$uær g\$ ; g f'k{k&ç.kkyh i w k ekuo ds fodkl vFkr ml ds 'kkjhjd]ck\$) d rFk vk/; kRed 'kfä; ka ds l ok\$ke fodkl ij vk/kfjr g\$ bl f'k{k ç.kkyh ds vUrxr fuEufyf[kr fo" k; ka ds v/; ; u dk l pko fn; k g\$ cfu; knh f'kYi] t\$ s kuf" k] l r druk vk\$ cuuk] ydM+ dk dke]xÜs dk dke] /kkrq dk dke] cdxokuh] peM+ dk dke vkfn] cfu; knh rkyhe fo|ky; ea bl ckr ij cy fn; k trk g\$ fd f'k{k f'kYi & d\$uær bl fy, cfu; knh rkyhe fo|ky; ea f'kYi dk çed[k LFku g\$ A ekr&Hk\$kk dks Ldnyka ea f'k{k dk ek/; e cuk; k x; k g\$ ftl l s ; g fopkja dh vHk0; fä rFk muds çl kj .k dk çHko'kkyh l k/ku g\$ xf.kr dh foHkUu çfØ; k; a 0; kogfjd xf.kr ¼uki & rksy] vdx.f.kr] chtxf.kr] vk\$ js[ kxf.kr½ f'kYi ds l kFk l EclU/kr dh x; h g\$ xf.kr n\$ud thou ds fy, vR; Ur mi; kxh fo" k; g\$ A cfu; knh rkyhe fo|ky; ea 0; fäxr , oa l keftd xqkka ds fodkl ds fy, cPpka dks bfrgk] ]Hk\$ksy] ukxfj d'kkL=] cPpka ds o\$kfud duf"Vdksk dks fodflr djus ds fy, çkfr&v/; ; u] thou&foKku] 'kj hj & foKku] LokLF; & foKku] j l k; u&foKku] ouLi fr&foKku] u{k=&foKku l keftd v/; ; u ¼bfrgk] ]Hk\$ksy vk\$ ukxfj d'kkL=¼ egku- vUo\$kdka vk\$ o\$kfudka dh dgkfu; kj dyk&l æhr vk\$ fp=dyk] fgl nh&t gk\$ ; g ekrHk\$kk ugha g\$ o 'kkjhjd f'k{k&0; k; ke vk\$ [ksy&dn vkfnA yMfd; ka ds fy, pkfkh vk\$ i kpoha Js kh ea xg&foKku ¼Domestic Science½ fo|kfkz ka dh f'k{k ea okLrfod #fp mRi lu djus ds fy, l æhr rFk fp=dyk ds fo" k; vkfnA cfu; knh rkyhe fo|ky; dh f'k{k.k fof/k; k&

cfu; knh rkyhe fo|ky; ea f'k{k fdl h f'kYi ; k mRi kn d&dk; l }kj nh tkuh pkfg, A bl h f'kYi ds }kj gh u; s l Hkh fo" k; ka dh f'k{k nh tkuh pkfg, A og f'kYi dks dny eukjat u dk gh l k/ku ugha l e>rs cfYd pfj =&fuekz k dk l k/ku Hkh l e>rs g\$ A f'kYi & d\$uær f'k{k }kj og cPpka dks gkFk का काम सिखाते हैं। चार्ट, विज्ञान खिलौने, संगणक, ऊर्जा से जुड़े मॉडल, जैव विविधता से जुड़े हुए कुछ मॉडल, प्रयोगशाला में आपदा प्रबंधन से जुड़े हुए कुछ मॉडलों के माध्यम से fo|kfkz ka dks fl [kk; k trk g\$ cfu; knh rkyhe ds fo|ky; ea f'k{kdk us xfrfof/k vk/kfjr f'k{k]

दृ'; &J0; I ca/kh fof/k; k̄thou I s t̄m̄gq I k/kv̄k̄ LFkkfud I n̄Hkz 'kkjhfd o ekufi d LokLF; ]  
 ck̄) d Lrj dh ifji Dork] bPNk fo"k; I kexh dk Lo: i fof/k] I e; ] okrkōj .k] çj .kk] f'k{k d dk  
 0; ogkj] ek̄[kd vk̄] fyf[kr v/; ; u fof/k; ka I ÷i n̄z Kku, समवाय-विधि, प्रोजेक्ट मॉडल विधियां,  
 ç' ukoyh I h[ku&fl [kkus dh I e; k̄spr dk; Z kkyk dk vk; kstu dj ds I h[ku&fl [kkus ds I k/kuka vk̄]  
 ek/; eka ij fo'k̄k tk̄] nus okyh ḡA fo|kFkhz d̄fær fof/k] cky d̄fær fof/k] fo"k; dks I gt : i ea  
 cukdj] ç' ukoyh fof/k; ka मूल्यांकन प्रविधियों, प्रोजेक्ट विधि, मॉडल, अनुभव, मौखिक-लिखित विधि,  
 b̄/j ūv] i n̄z Kku , oa cPpka dks fl [kkrs I e; ij fLFkfr ds vū kj bl çdkj ds d̄N I k/kuka dk  
 प्रयोग करके बच्चों को सिखाने के लिए महत्वपूर्ण है। कंप्यूटर, प्रोजेक्टर, कक्षा उपकरण, मॉडल्स, कृ"ि  
 से जुड़े मॉडल तथा उपकरण और टैबलेट आदि तकनीकी उपकरणों का प्रयोग को बताने के लिए  
 'kkfey dh xbz fof/k; ka ḡA cfu; knh rkyhe fo|ky; ea f̄; k&fof/k }kj k rFk vkRe&vūtko }kj k  
 fl [kkuk xk̄kh th us f'k{k.k&{ks= ea f̄; k fof/k ij cgr tk̄] fn; k ḡS A ^dke }kj k fl [kkuk\* rFk  
 ^vkRe vūtkoka }kj k I h[kkuk\* vR; Ur çHkko' kkyh f'k{k.k&fof/k; k; ḡA I eok; &fof/k& fofHku&fo"k; ka  
 dh f'k{k i Fkd&i Fkd fo"k; ka ds : i ea u gkdj ij Lij I eokf; d gkuh pkfg, A f'kYi &f'k{k.k  
 d̄læh; fclnq gkuh pkfg, rFk vU; fo"k; bl h f'kYi ds I kFk I EcfU/kr gkus pkfg, A Hkk" k , oa  
 ç' u&fof/k] I g; kxkRed f̄; k] ; kstuk] 0; fäxr m̄Uk&nkf; Ro ij cy nuk pkfg, A f'k{k.k&fof/k  
 bruh 0; kogkfjd gkrh ḡS fd ckyd fofHku fo"k; ka dk Kku , d gh I e; ea çk̄r djrk ḡA çk̄  
 frd ij fLFkfr] I kekftd ij fLFkfr vk̄] gLrdyk ds ek/; e I s vūd fo"k; ka ij ij Lij I Ecu/k  
 LFkfi r fd; k tkrk ḡS A ckyd dks vi uh #fp ds vū kj gLrf'kYi dk p̄uko djus dh LorU=rk  
 nh tkrh ḡA cPpka dks thou dh okLrfod f̄; kv̄ka ds ek/; e I s okLrfod Kku dj k; k tkrk ḡA  
 cfu; knh rkyhe fo|ky; ka dh I e; &I kj .kh&

vk/kkj Hkr f'kYi 3 ?k.V&20 feuV] ekrHkk"kk 40feuV] I æhr] fp=dyk vk̄] xf.kr 40 feuV]  
 v/; ; u vk̄] I keku; foKku 30 feuV] 'kkjhfd f'k{k 10 feuV] vYi kodk' k10 feuV çR; d  
 cfu; knh rkyhe fo|ky; ea , d o"z ea 288 fnu dk; Z djus dh vk'kk dh tkrh ḡS A

cfu; knh rkyhe fo|ky; %vkuan fud̄srū dh d{kk vkBoha dh I e; I kj .kh

fnu   e;	10% 5	10% 0	11% 0	11% 5	11% 12% 25	12% 5	01% 00	01% 02% 05	02% 05	02% 04% 15	03% 5	03% 20 03% 55	03% 5	04% 0
l keok j	çk FkZ uk	vax th	Hkxks y	Nkx/h Nçh	foKku	xf.kr	ejk Bh	e/; ku Hkxst u vodk 'k	l æ.kd@f'ko.kdke		Nkx/h Nçh	ckxdke		l Ok bz
exyo kj		vax th	Hkxks y		foKku	xf.kr	ejk Bh		<b>Scrap Bank</b>			Bfrgkl	fglnh	
çk/kokj		vax th	Hkxks y		foKku	xf.kr	ejk Bh		fp=dyl@ur;			ckxdke		
x#okj		vax th	Hkxks y		foKku	xf.kr	ejk Bh		xf.kr	fglnh		l æ.kd@f'ko.k dke		
'kçok j		vax th	Hkxks y		foKku	xf.kr	ejk Bh		bfrgk l	bfrgkl		okpuky ;	fglnh	

fnu   e;	08% 00	08% 40	09% 50	10% 30	11% 00	11% 30	12% 00
'kfuok j	; kxk	çkFkZuk	vaxth	e/; ku Hkxst u vodk' k	ejkBh	xf.kr	vçj pj [k k

çHkko&

o/kkz ea fLFkr çfu; knh rkyhe fo | ky; vavkuan fudru/ ea tgk; fo | kfFkz; ka vksj f'k{kdkka ea fdl h çdkj dk HkxHkko ugh fn[krk g\$ bl fo | ky; ea fo | kfFkz; ka dks gLr dks ky vk/kkfjr Kku] vaxsth] Hkxksy] foKku] xf.kr] ejkBh] fp=dyl ur; ] bfrgkl ] okpuky; ] ; kxk vkfn dh f'k{kk çnku dh tkrh g\$ tgka ij fo | kfFkz; ka dks i çrdh; Kku ds l kFk&l kFk 0; ogkfjd Kku Hkh çnku fd; k tkrk gA fØ; k vk/kkfjr Kku ftl ds vk/kkj ij l h[kk x; k Kku T; knk LFkk; h gkrk g\$ ftl ds varxh l kQ l Qkb; vçj pj [kk] çxokuh] f'kou dke] i kddyk , oa l æ.kd vkfn gA o/kkz ftys ds l okxte ea fLFkr vkun fudru fo | ky; tkfd çfu; knh rkyhe f'k{k.k i) fr ds ek/; e l s l p# #i l s py jgk g\$ bl fo | ky; ea i <us okys fo | kfFkz; ka dks gLrdks ky ydMh dk dke] fl ykbz d<kbz çpukbz dk dke Hkh LFkk; h gkrk g\$ D; kfd ; g l c fØ; k dj ds l h[ks vksj fl [kk; s tkrk gA ; gh l eLr l h[ks x; s dk; ka dks ç; kx Hkfo"; ea fo | kfFkz; vi us 0; kogkfjd thou ea vi us thodki ktZu ds fy, djrs gA Nk= vksj f'k{kdk dk vlurj l Ecu/k vR; Ur çHkko; g\$ ftl l s fo | kfFkz; vi uh l eL; kvka dks f'k{kdk ds l e{k j [krs g\$ vksj mudk l ek/kku [kkst rs g\$ dgha u dgha vl; fo | ky; ka dh rnyuk ea çfu; knh rkyhe fo | ky; vkulln fudru l ekt l s vksj 0; ogkfjd thou l s tMh g\$ vl; fo | ky; ka dh viçkk i çrdh; Kku ds l kFk gh l kFk 0; ogkfjd rFkk jkst xkj ijd f'k{kk dk i kB i <krk gA çfu; knh rkyhe ds fo | ky; dh l çkr ea fo | kfFkz; ka ds l çkukRed] çkçkRed rFkk vup; kxkRed rhuka çdkj dh f'k{k.k çfØ; kvka ij vk/kkfjr g\$ ftl l s fo | kfFkz; ka dk l okxh.k fodkl gkrk gA fu"d"kk& çfu; knh rkyhe ds fo | ky; ea vuçkk l u ij] l Qkbz dk; ] çxokuh dk; ] f'kYi dk; ] [kkuk cukuç ØkV] ur; o l æhr] u; h rduhdka ts s fd çkstDVj] dEl; Wj] , l ] pkV, मॉडल, okpu] fo"K; Kku] 0; kogkfjd Kku] ppk&ij ppk] l eug dk; ] l kekt d rFkk thou mi; kxh nçud dk; ka ij tkj nçj l h[ku&fl [kkus dh çfØ; k gkrh gA

çfu; knh rkyhe ds fo | ky; vkulln fudru ea f'k{kdk fo"K; h Kku l s fo | kfFkz; ka dk ekuf l fodkl djrs g\$ ogha 0; kogkfjd Kku l s fo | kfFkz; ea l okxh.k fodkl gA bl fy, nkuka gh

Kkuka dk gkuk vfuok; Z ekurs gq s nkuks çdkj ds Kku nrs gA i kB dk i pjkoykdu fd; k tkrk gA  
 l EcfU/kr i kB dks i <k; s tkus ds ijs fnu ds vf/kxe vuqkoka dk C; ksjk f'k{k d }jkk fo | kFFkz ka dks  
 fn; k tkrk gA f'k{k d i kB dk çkjEHk i kB dh çLrkouk ds l kFk djrs gA f'k{k dka ds vuq kj  
 cxxokuh] fl ykbl uR; ] drkb&çukb] feeh dh dkjhxjh] ØkV] dkxt l s cus gq s f[kyk&ç  
 xgfoKku] j l kb] vkfn ds ek/; e l s fo | kFFkz ka dks gLrdkky dh f'k{k nh tkrh gs , oa fgluh]  
 vxst] foKku] Hkkxy] bfrgl ] xf.kr] ekrHk'kk] fp=dyk] uR; o ØkV vkfn fo"ka; ka dks i kB i oLrq  
 ds vLrxr 'kkfey djds i <k; k tkrk gA f'k{k dka vks] fo | kFFkz ka ds e/; i kB i <k; s tkus ds nks ku  
 ç'u mUkj ds ek/; e l s l h[ku&fl [kkus dh çfØ; k gkrh gA f'k{k dka }jkk l puk vks] l pkj  
 çk] kfxdh midj.k vks] vuq; kxka dks 0; ogkj ea ykdj l h[ku&fl [kkus dh çfØ; k dks jkpd  
 cukdj vLr%Ø; k djrs gA f'k{k.k ds nks ku Nk=ka ds 0; fäxr vuqkoka rFkk fopkj ka dks c<kok fn; k  
 tkrk gA शिक्षक द्वारा विद्यालय में वाचन प्रश्नोत्तर, मॉडल, समूह कार्य, चर्चा-परिचर्चा, दृ'; &J0;  
 l kexh ds ek/; e l s thou l s tMdj d{k f'k{k.k dks çHko' kkyh cukrs gq vLr%Ø; k djrs gA  
 l h[ku&fl [kkus dh l e; kfr dk; Z kkyk dk vk; kstu djds l h[ku&fl [kkus ds l k/kuks vks] ek/; eka  
 ij fo'k{k tkj nus okyh fof/k; ka ds ek/; e l s l h[ku&fl [kkus dh fØ; k gkrh gs A

l UnHkz xjFk l ph&

xk/ kh th 1953½ çfu; knh f'k{k] vgenkcn% uo thou çdk'ku efnj-

'kel] enu egu] 1973&74½ xk/ kh th dh f'k{k; kstuk dk , d vi; ; u] , e- M+ y?kq ksk] f'k{k l dk; ] cukj l % fglu  
 fo'ofok; ] cukj l -

l q.khyk 1992½ eglRek xk/ kh ds 'k{k d fopkj] i h- p-Mh- 'kks] bfrgl foHkx] cukj l % fglu fo'ofok; ] cukj l -

çk] 'k/kae 1998½ xk/ kh ds fopkj vks] vk/fud f'k{k] i h- p-Mh- 'kks] l kelt d foKku l dk; ] cukj l % fglu  
 fo'ofok; ] cukj l -

मंगल एसाके 2010½ f'k{k eukfoKku] fnYyh% i h- p-vkbl yfuik çkboV fyfeVM- ist& 209&10-

'kel] dq ujlæ 2010½ dk; kLkko f'k{k f'k{k.k] t; i j% l kqR; kxkj çdk'ku-

xjrk] çahyky 2012½ l h[kus dh fof/k; kj fnYyh% कॉन्सेप्ट पब्लिशिंग कम्पनी-

thou dksky f'k{k&d{k vkBoha 2005½ fnYyh% dkaeh; ek/; fed f'k{k çkMz

çfu; knh f'k{k ds nh js jk'Vh; l feukj dh fjik& 5 l s 7 tuojh 1958½ gd Hkkoheš j½ ea vk; kfr] f'k{k  
 ea=ky; % Hkjr l jdkj-