



lane abaotem olketa grinhaus gas



SPC/GIZ hao fo waka wetem Klaemet Sens long Pasifik Aelan RIjinoi Program



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# Pita an Miri

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Ofis blong Pasifik Komiunity  
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# Iteni aelan



## Pita an Miri lane abaotem olketa grinhaus gas

Halo olketa boe an gele.

Disfala stori hem abaotem olketa grinhaus gas. Olketa Grinhaus gas hem ea wea trapim hit insaet long atmosphere blong yumi an kipim disfala wol blong yumi hot. Inseat long last handred yia o so, yumi rilisim staka grinhaus gas finis an yumi gogohet fo rilisim staka moa. Kos blong diswan hem becos yumi yusim staka moa fiul olsem petrol, disol an oel fo olketa masin, faktri an kar wetem katem daon staka tri tu. Olketa aktiviti ya rilisim grinhaus gas.

Taem yumi rilisim plande moa grinhaus gas, ea blong yumi gogohed fo hot moa. Diswan save kosim si level fo kam ap hae wetem longfala drae sison an staka hevi ren winim bifo kam. Dastawae, hem impotant fo save abaot grinhaus gas, an hao fo katemdaon rilis blong olketa insaet long ea blong yumi.

Mi hope disfala buk babae helpem yu fo save gudfala long disfala situation blong yumi distaem.

Hapi ri-rid!





Pita an fren blong hem Miri, wanfala flaengfoks wea save kakaim frut nomoa, stap long disfala naes aelen lo Iteni.

Pita an Miri save play an hapi tumas, an tufala wakabaot kasem staka ples tugeta tu.

Iteni garem staka sanlaet an ren. An evriting grou gudfala long dea tu.



Pita an Miri save likem fo go fising long eli moning. Pita hem save dat Dadi blong hem save like fo kakaim fis fo brekfas. "Fis hem save mekem yu strong, heliti an save tumas", Dadi hemi save tok olsem.

Bat wanfala moning, tufala no save katchim fis kuiktaem olsem olketa narafala taem, an no staka bik fis tu stap, onli olketa smol wan nomoa.

Pita hem tingting wae nao hem olsem.....

"Mi mas findem aot wae nao diswan hem happen", Pita sei long hemseleva.

No long taem nomoa, Pita hem katchim trifala fis. Wanfala fo Dadi, wanfala fo Mami, an wanfala fo hemseleva. Miki no save katchim moa fis dan wanem famili blong hem nidim for kaikaim.

"Hao Miri, yu laek fo mi katchim wanfala fis fo yu tu?" Pita askem hem den hemi laf.

"Pita man, yu fani man," Miri ansa go baek wetem smol laugh. "Yu save dat mi save kaikai frut nomoa, seii"





"Oh, trifala naes fis", Mami blong Pita sei taem tufala kasem go long haus. "Bae mi kukim fo brekfas".

"Bae mi nao duim", Pita sei. "Mi save like kuki tumas ia".

Mami laetem nao karasin stove.

"Wat nao blak samting adanit long pot ya Mami?" Pita ask olsem.

Mami talem hem dat nem blong blak samting ya hemi asis blong faea. Taem yumi bonem karasin, wanfala gas olketa kolem kabon daeoksaed hem rilisim, an samfala long olketa kabon wea no bone nao hem pass olsem blak powda long botom blong olketa pot an sospen.

"Oh ya!" Pita sei. "Tisa blong mi talem mi abaotem diswan. Kabon daeoksaed hem rilis tu taem yu yusim petrol, oel an disol fo olketa kars an genreta".

"Yu wanfala klewa boe tumas", Miri hem sei go long hem.

#### Kabon daeoksaed (CO2) - wanfala grinhaus gas

Kabon daeoksaed hem wanfala grinhaus gas. Olketa grinhaus gas save stap nasorol long ea blong yumi. Olketa gas ya save holem hit long ea blong yumi an sedem go baek long wol blong yumi. Olketa gas ya impoten tumas bikos olketa nao stopem wol blong yumi fo no kol tumas go go hem blok olsem ice. Yu save imaginim tu aelen blong yu col tumas an dip si hem tane go long ice? Olsem nao so yumi nidim olketa grinhaus gas ya fo kipim wol blong yumi fo garem laef.

Bat hem sore samting dat yumi olketa pipol nao gogohed fo adem moa an moa grinhaus gas long ea blong yumi. Result blong diswan, plande moa hit hem stap baek long wol blong yumi an hem gogohed fo hot moa. Disfala inkris blong hot ea long athmospha blong yumi olketa kolem long, "Global Woming". Wanfala samting yumi save duim fo help stopem disfala wol blong yumi fo hot moa, hem fo yumi no mekem staka kabon daeoksaed gas.

#### Hao nao yumi save duim datwan?

Yumi nid fo katem daon yus blong fossil fiul, bikos taem yumi bonem or yusem fossil fiul hem save rilisim kabon daeoksaed(lukim nara pej for moa stori abaot fossil fiul). Narafala samting yumi save duim, hem fo yumi luk aftam olketa tri an busis gudfala. Olketa tri save stoarem staka kabon, an taem yumi katemdaon olketa tri an kliarim busis, yumi save rilisim staka kabon daeoksaed gas moa.



#### Wat nao olketa fossil fiuls?

Fossil fiul hem olketa samting olsem oel, petrol, disol, coal an gas. Fossils hem olketa roten bodi blong animol an plant wae dae bifo kam yet, an hem bere adanit presa insaet long graon an si fo millions of yia an stap adanit long floa blong dipsi long taem kam nao. Fossil hem made aot of kabon nomoa so taem yumi bonem olketa fiul, kabon ya hem rilis go long ea olsem kabon daeoksaed.

#### Fossil fiuls adanit graon





Taem olketa brekfas yet, Mami blong Pita sei, long hem, "Mi nidim yu fo go an lukim GranDadi. Niu eye glas blong hem wetem mi. Waswe, yu save tekem go long hem?"

Pita barava wiling and hapi fogud. Hem lavem GranDadi Ropate an save laek fo sidaon long time wetem hem fo herem olketa stori blong hem. "Kam Miri, yumitufala go", hem sei.

GranDadi Ropate hem stap long westen saet blong Iteni. So Pita hem tingting fo folom rod lo saet si . Hem save gud long rod ya bikos hem folom staka taem finis.

"Kam nao Miri", hem sei. "Yumi ridem bike. Mi bae askem tu GranDadi Ropate why nao mi no katchem staka fis tude".

"Luk aftam gudfala eye glas blong GranDadi; hem costim plande selen tumas", Mami blong hem talem go long hem, taem hem putim eye glas ya insaet long boks.

"Babae mi luk aftarem gud Mami", Pita ansa den hem keafuli putim insaet long poket blong hem.







Pita an Miri go nao, tufala raedem bike blong Pita.  
Tufala lukim staka samting wea yusim fossil fiul.

"Oh!" Miri sei wetem supris, "lukim go nao evri  
samting wea save produsek kabon daeoksaed!"

"Ya man, an samfala long olketa mekem staka smok  
tu", Pita addim go moa den hem laf. "Lake baesikol  
blong yumitufala hem no wanfala long olketa  
samting ya!"

**Hamas samting nao yu save lukim wea save produsek kabon daeoksaed?**

(Hint: kabon daeoksaed hem rills taem yu yusim fossil fiul olsem petrol, oel, disol an karasin an taem yu katem daon olketa tri.)





Taem tufala gogo folom rod ya, tufala herem wanfala long burp:  
"Ooooooowurp....oops....ekskius mi" wanfala voes hemi sei.

Pita an Miri tane raon an tufala lukim wanfala gele bulumakao.

"Halaw, mi Mumoo", Bulumakao ya sei. "Sori abaot datwan". Pita an Miri  
laf an Pita sei, "Hem okei nomoa. Barava lelebet bik burp tu datwan".

"Hem mas hard fo kakaim evri grass ya", Miri sei. "Mi save kakaim  
nomoa sof juisi frut. Waswe, yu no save bele soa?"

"Nomoa, bikos bele blong mi garem fofala rum. Diswan hem fo mek  
sure dat kakai blong mi hemi daegest gudfala", Mumoo sei wetem  
mael.

"Gras hem save strong an had fo daegestem gudfala", hem eksplenem,  
"bat bele blong mi hem garem staka smol gem wea save help fo  
brekem daon bifo mi save takem kam ap again den mi save kakaim  
moa. Mi save burp an belch olowe bikos taem kakai insaet bele blong  
mi hem daegest, hem save rilisim staka gas tumas", hem sei, den hemi  
givim narafala bik long burp moa.

"Hey, mi save long gas ya. Nem blong hem methane gas", Pita sei.

"Mumoo, mitufala mas gogo nao ya. Hem gud fo tok wetem yu", Miri  
sei.

"Ride keafuli", Mumoo sei go folom tufala, an hem gohed fo kaikaim  
gras.



#### **Methane (CH<sub>4</sub>) -wanfala grinhaus gas.**

Methane hem rilis from olketa wetlan an swamp, an hem rilis tu taem  
olketa animol an insekt- spesoli olketa termites an smol marin  
animol- taem olketa daegestim nao olketa plant an wuden samting l  
wea olketa kakaim.

Methane hem rilis tu taem yumi tekem aot oel, gas an koal from  
graon, taem rice hem grou long soel wea hem flad, taem rabis an  
organic waste hem roten, an taem busfaea bonem olketa busis.  
Samfala methane stap tu long rabis wea kam aot from olketa faktri.

Ovam 50 pa sent blong rilis long methane long wol hem kam from  
olketa samting wea yumi pipol nao mekem.

Yumi save katemdaon amount blong methane gas yumi rilisim sapos  
yumi garem propa ples fo torowe rabis an olketa lanfil, fedem oketa  
bulumakao, sipsipan nanigot wetem rite fud, an mek sua dat yumi no  
disturbem olketa swamplant blong yumi.





Pita an Miri ride folom go rod ya den tufala lukim Angkol Vili long field blong hem.

"Halo, Angkol Vili", Pita sei. "Wat nao yu duim?"

"Halo, yang Miki. Halo Miri", Angkol Vili sei go.

"Mi putum fetalaesa long olketa krop blong mi fo helpem olketa grou".

"Hao nao hem save helpem olketa fo grou?" Miri askem hem.

"Olketa plant nidim fud olsem yumi nomoa", Angkol Vili hem eksplenem go.

"Fetelaesa hem garem spesol kaikai blong plant fo mekem olketa plant helti. Bat yumi mas keaful fo yusim rite amaont nomoa. Staka tumas hem nogud fo olketa plant an envaeroment tu", hem sei.

"Olketa krop blong yu luk helti fogud", Pita hem sei. "Sori Angkol, bat mitufala no save stap long-taem moa. Mifala go fo lukim GrandDadi Ropate".

Angkol Vili givim tufala staka vejitebol fo tekem go long GrandDadi Ropate an samfala fo Mami. "Gudbye, Pita, Bye Miri", hem sei. "Ride isisi go".

#### Nitrous oksaed- wanfala grinhaus gas

Nitrous oksaed (N<sub>2</sub>O) hem narafala grinhaus gas. Main sauce blong nitrous oksaed hem from yumi pipol taem yumi yusim olketa fetalaesa long agrikalsa. Olketa plant nidim nitrogen fo helpem olketa grou. Taem yumi miksik fetalaesa wea garem nitrogen insaed long hem wetem soel long bik amaont, nitrous oksaed hem rilis. Nitrous oksaed hem rilis kuiktaem tumas taem soel hem wet or ren wasim awe soel ya tu. Yumi nid fo keaful wetem amaont lo fetalaesa yumi putum go long soel, espesoli taem hemi wet o, taem yumi save hevi ren bae kam. Nitrous oksaed save rilis tu taem yumi bonem olketa fossil fiuls.





San hem stat fo hot so Pita kavam hed blong hem wetem pis kaleko. "Hem feel naes an kol adanit long sed blong kaleko ya", hem talem go Miri olsem.

"Hao nao sapos yu putum samfala kaleko moa?" Miri hem askem go.

"Bae hem barava mekem mi hot nogud moa!" Pita hem sei.

"Hem semsem wetem Earth. Sapos yumi adem moa an moa grinhaus gas go long athmospha, planet blong yumi babae go hot moa", hemi sei.

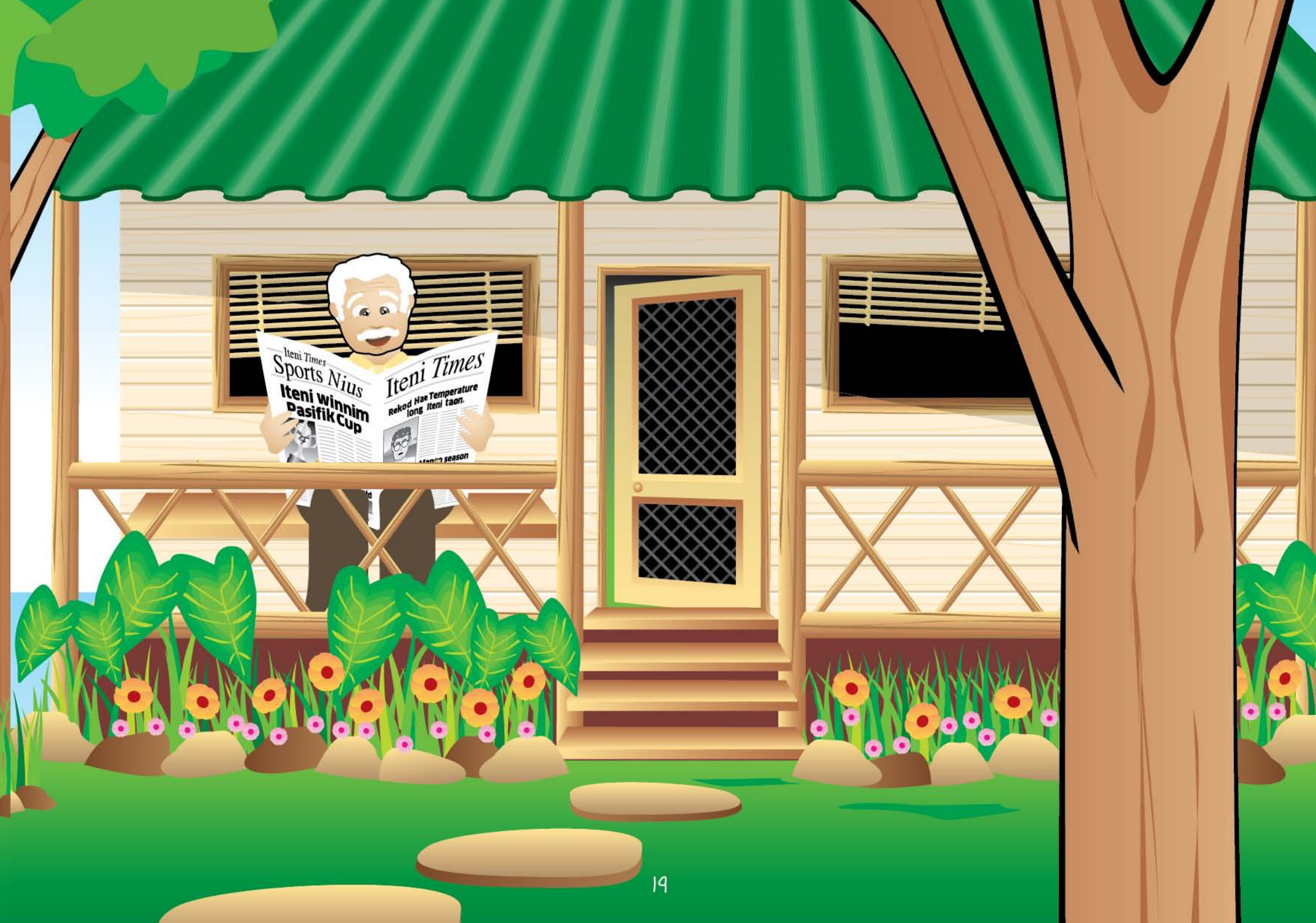
"Yumi nid fo katem daon olketa grinhaus gas. Hem nao so mi save laek fo raed. Baesikol blong mi no save rilisem ani grinhaus gas", Pita hem sei wetem smile.



Tufala faendem GranDadi Ropate sidaon aotsid long haus blong hem, hemi try fo ridim nius paper.

"Halo, GranDadi!" Pita saot go. "Mitufala kam fo givim yu olketa niu eye glas blong yu an Angkol Vili sedem kam tu samfala vejitebols".

"Oh, Pita, yu wanfala gud boe...an hu nao diswan?" GranDadi Ropate askem hem an hem point go long Miri. Pita talem hem who nao Miri den tufala sidaon kolsap long GranDadi.





"Mi laek fo askem yu wat nao babae hapen long olketa fis long olketa rif sapos hem hot tumas". Pita askem hem olsem. "Mi no Katchem staka fis tude an Mami sei yu nao save long evriting abaotem si".

Oloman ya hemi laf. "Mi no save EVRITING....bat mi save staka lelebet nomoa".

"Fis save laek fo stap long ples wea hem no hot tumas o, kol tumas fo olketa. So taem dipsi hom blong olketa hem hot tumas o, kol tumas, olketa bae save move go long narafala ples moa", hemi sei.

"Olketa no save wearem jacket sapos hem kol tumas o, sidaon adanit fan sapos hem hot tu mas!" hem sei moa.

"Oh, olketa pua fis!" Mi hope nomoa dat si babae hem no go hot tumas fo olketa", Miri hem sei.

"Yumi nid fo tingting abaotem tu rif hom blong olketa. Sapos si hemi go hot tumas, olketa naes korol rif babae dae an olketa fis wea stap a long dea babae move go long narafala ples moa". GrandDadi wonnig olsem.

"Evriwan long Iteni mas takem gudfala kea long olketa rif". Pita hem sei.

"Tru tumas!" GrandDadi sei go. Yu mas gogo nao taem hemi no dak yet. Takem disfala fis mi catchem. Mi save yu an Dadi laekem fis an diswan bae hem fitim yufala evriwan".

Pita hem tekem bik fis ya. Hemi save dat Mami an Dadi babae hapi fogud. "Tagio GrandDadi". Den Miki hemi kasholem GrandDadi blong hem wetem smael. "Babae mifala kam lukim yu moa neks taem. Luk aftam gud eye glas blong yu!"



Datfala evning Pita wetem parens blong hem kakaim fis wea GranDadi hem givim hem. Mami kukim wetem fres vejitabols wea Angkol Vili givim an hem mekem wanfala naes paenapol pie fo spesol suits fo Pita. "Yumi", Pita hemi sei.



Yu save katem daon yus blong olketa fossil fiuls taem yu duim olketa samting olsem:



1. Wakabaot or ridem baesikol an no yusim kar. Taem yu duim diswan, yu no katemdaon seleva grinhaus gas from olketa kar, bat taem yu wakabaot an ridem baesikol, yu babae stap fit an helti an tufala samting ya hem fre tu!



2. Yu save searem ride long kar blong yu wetem olketa fren blong yu, instead fo yu ride seleva long wanfala kar. Taem yu duim olsem, yu bae katemdaon nao namba blong olketa kar long rod.



3. Long hom blong yu, onem nomoa olketa laet wea yu nidim an tanem off TV an olketa narafala samting wea usim paoa long pao point team yu no yusim olketa.



4. Putim fridge, stov an aven long ples wea hem stap awe from sanlaet. Babae fridge blong yu hem no yusim extra pao paoa fo stay kol taem yu kipim olsem.



5. Taem yu kuki, satem pot wetem lid blong hem an hotem nomoa wata wea yu babae nid fo yusim wetem kettle.

Yu save katemdaon grinhaus gas taem yu:



1. Stop fo katemdaon busis an olketa plant an plantim staka moa tri.



2. Praktisem faming sistim wea babae yu no yusim staka fetilaeza.



## Hem ia nao samfala questions abaot grinhaus gas.

Yu save faedem evri ansa blong olketa kuesten ya insaet long stori.

1. Givim nem blong disfala main grinhaus gas insaet long stori.
2. Wat nao samting spesol abaotem olketa grinhaus gas?
3. Hao nao yumi pipol kontribuit fo rilisim staka moa kabon daeoksaed insaet long ea blong yumi?
4. Wat nao babae hapen sapos yumi gogohed fo rilisim plande moa grinhaus gas long athmospha blong yumi?

Writem list long hia fo olketa narafala weis dat yu save katemdaon rilis blong grinhaus gas long hom blong yu, long komunitis an wetem kandere blong yu.

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