

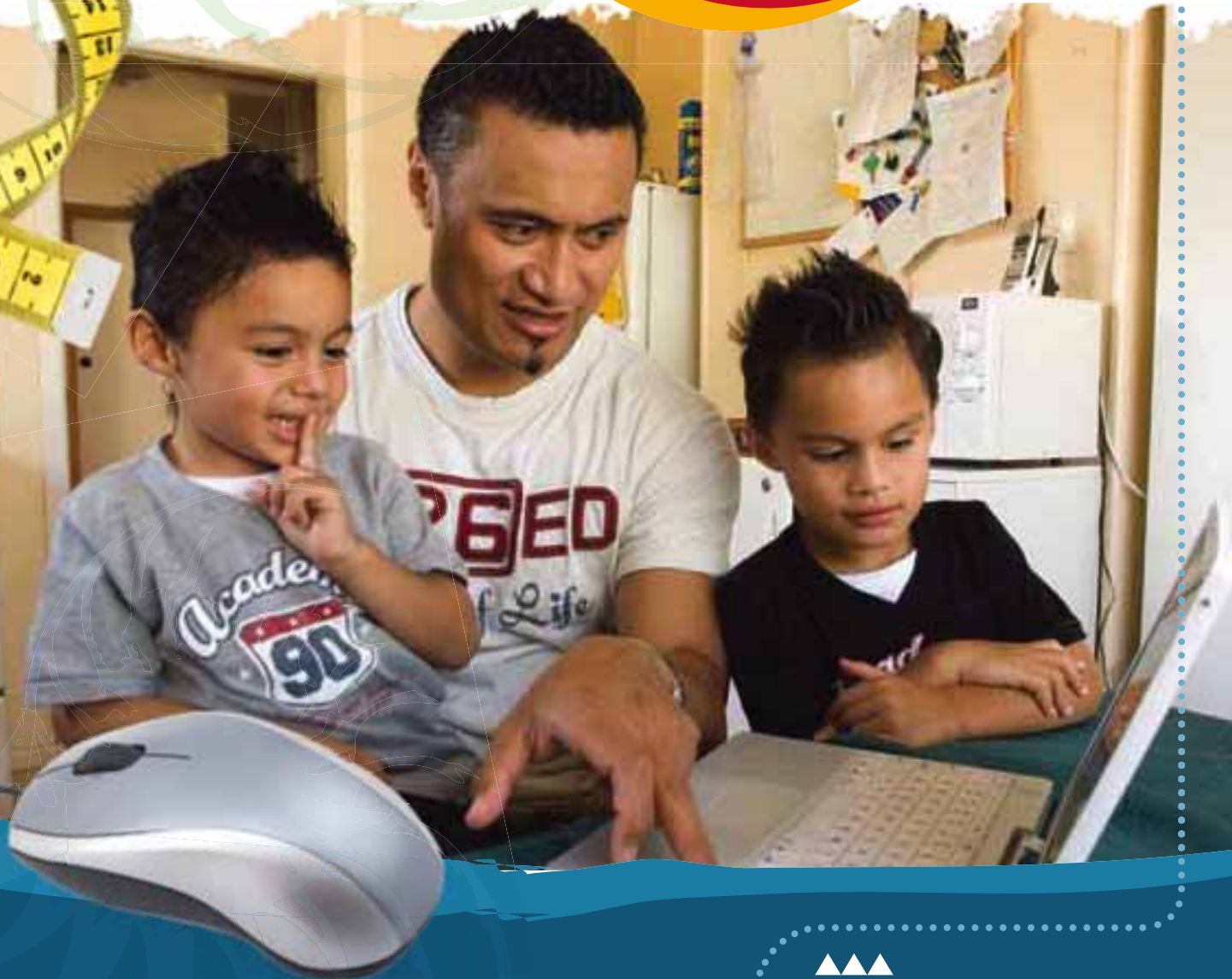
Mo mātua, kāiga ma nofonofoga a tagata (communities)

GAGANA TOKELAU

TE LAGOLAGOGA O TE AKOAKOGA O TAU FĀNAU, I TE

# faitau, tuhituhi ma te nūmela

MAI TE FĀNANAU MAI KE PA KI  
TE FAKAIKUGA O TE YEAR 8



MINISTRY OF EDUCATION

Te Tāhuhu o te Mātauranga

# TE LAGOLAGOGA O NĀ AKOAKOGA KĀMATA A TAU FĀNAU MAI TE FĀNANAU MAI

KI TE TAIMI E KĀMATA AI I TE ĀKOAGA

## Faitau, tuhituhi ma te nūmela (mathematics)

Ko te faitau, tuhituhi ma te nūmela ko ni auala iēnā e fakailoa ai nā lagona, manatu ma nā fekau. Ni mea tāua iēnei i te olaga i aho takitahi. Ko te kavea ma tino e lelei i te faitau, tuhituhi ma te nūmela, e kāmata mai lava i te aho na fānau mai ai. Ko tamaiti e akoako e uiga ki te faitau, tuhituhi ma te nūmela e ala i nā mea uma e kitea ma fai e ki lātou.

Ko mātua, kāiga ma nofonofoga a tagata, e i ei to lātou hao tāua ki te akoakoga o tamaiti i nā tauhaga kāmata. E lahi nā auala e mafai ke fehoahoani ai koe ke poto tau tamaiti i te faitau, tuhituhi ma te nūmela. Ko te mea tēnei e kāmata mai lava i te taimi nā fānau mai ai.

Ko te fakatuputupu pea o te fiafia o tamaiti ki nā akoakoga e mafai ke kaufakatahi ki ei nā mātua, kāiga ma nofonofoga a tagata (communities).

## Faitau

I nā tauhaga kāmata, ko tamaiti e ako e ki lātou ke iloa 'faitau' ma ke mālamalama i te lahi o nā mea kehekehe e tuhituhia, nā mea e kitea ma nā fakailoga (symbols). I te taimi foki lava tēnā, e ki lātou iloa ko nā kupu ma nā tuhi faitau e mafai ke fiafia lahi ai, e mālie ma totoka ai, ma e tumu i nā fakamatalaga e fakafiafia ma totoka ai.

Fakaauau pea te faitau fakatahi ma au tamaiti ka koi tuputupu ake ki lātou.

### 0–1 tauhaga te matua

- ★ Fakaali ki tau fānau ni tuhi faitau ata ma kāmata faitau ki ei mai te taimi e fānanau mai ai – e fehoahoani ke fakatupu ai he loto fiafia o faitau i te olaga kātoa. Faitala e uiga ki nā ata. I te taimi e kātoa ai te 6–9 mähina, kua kāmata mafai e nā pepe oi matea nā ata o ni mea e mātua gōfie.
- ★ Luelue tau pepe ki ni taaga, uhu ni pehe ma fai ki ei ni rhymes (kupu e tāli tutuha nā fakaleoga).
- ★ Fakaaogā nā gaugā leo o koe ke fai ma mea e fiafia ai te pepe e ala i te fakatakikiki o koe ki nā kupu pe ko te leo o te pepe.

### 1–3 tauhaga te matua

- ★ Uhu nā pehe mai tō tamaiti.
- ★ Fano ho ki te fale tuhi.
- ★ Fakatau mai ni tuhi faitau mai nā māketi tuhi pe mai nā falekoloa tuhi kua uma te fakaaogā pe fehili ki tō kāiga pe ki te nofonofoga a tagata i te mea e nofo ai koe, pe iei ni a lātou tuhi faitau kua hē fofou ki ei.
- ★ Tuku ki nā tamaiti ke ki lātou filifilia nā tuhi faitau e fiafia ki ei – ka fiafia lahi lele ki lātou oi haga faitau pea lava.
- ★ Kāfai loa kua uma te fia faitau oi tāofi loa foki – ke mautinoa i taimi uma ko te faitau e tatau ko he mea e fakafiafia loto.

### 3–5 tauhaga te matua

- ★ Fai ki ei ni tala ma uhu ni pehe mai tō tamaiti.
- ★ Fehuihuiaki te faitau pe kikila pe fofou au tamaiti ke faitau e ki lātou pe ke faitau e koe i te aho nei.
- ★ Faitau ho fakatahi nā tala. Toe faitau nā tala e fiafia ki ei tau fānau i taimi uma e fia fakalogo ai ki lātou ki ei.
- ★ Uhu ni pehe, fai fakatahi ni tauloto ma ni rhymes.

Ko te faitala, faitau ma tuhituhi fakatahi ma nā tamaiti a koe e aogā lahi lele mo to lātou akoakoga, i ho he matua e i ei ai ki lātou. Fakaaogā te gagana e hili te lelei mo koe ma tau fānau.

Kikila fakatahi ki te tuhi faitau. Ke kavea nā tino o tō kāiga ko he vāega o te fiafiaga ke faitau fakatahi ma nā tamaiti a koe.

## Akoakoga i nā tautuaga ākoga kāmata

Ko te faitau, tuhituhi ma te nūmela ni vāega o nā mea e fai e tamaiti i aho uma i loto o nā tautuaga ākoga kāmata. Ko tamaiti e hākilikili, hukehuke ma fakatakikiki nā manatu (ideas) e uiga ki te faitau, tuhituhi ma te nūmela i te tautuaga ākoga kāmata e i ei ai pe, i te fale.

Kāfai au tamaiti e i he tautuaga ākoga kāmata, e mafai koe ke fehoahoani e ala i te faitala o koe ki nā faiākoga e uiga ki nā mea

e kē kitea e fai e au tamaiti i te fale. Fehili ki ei pe ni ā te kua ki lātou kitea ki au tamaiti, ma pe vāhea ona ki lātou fakatupu te fiafia o au tamaiti ki te faitau, tuhituhi ma ki te nūmela.

Kā fia iloa e koe ni iētahi mea ke fehoahoani ai koe ki au tamaiti ia lātou akoakoga ma e uiga ki te tūlaga fano ki mua o ki lātou, lea ki nā faiākoga o ki lātou. Ka fiafia lele ki lātou oi fehoahoani atu.

# Tuhituhi

I nā tauhaga kāmata, ko tamaiti e gāholoholo lava ki luga te lelei i te fakaleoga o nā mea kua ki lātou iloa, o lātou manatu, lagona ma nā mea kua pa ki ei, i ni auala e lahi lele. Ko te faitatala ma te tuhiata ko ni iētahi iēnei o auala, kae e iloa e tamaiti e ki lātou mafaia oi fai ni “fakailoga” (symbols) e mafai ke “faitau” e iētahi tino ma mālamalama e uiga ki ei. Ko te kāmata tēnei o te tuhituhi.

- ✦ Fai ni mataituhi o te pi i ni mea valevale, e.g. ni fatu, poloka, fakamau, figota.

- ✦ Faitala e uiga ki nā mataituhi i nā igoa o tau fānau, ma pe hau mai fea o lātou igoa.
- ✦ Fehoahoani ki a te ki lātou ki te faiga o he tuhi (scrapbook) i ni ata. Fakamālohi ki ei ke tuhi ni tala ki lalo o nā ata ma faitala ki ei e uiga ki a lātou mea e tuhi.
- ✦ Fakapipiki ke lahi ni mataituhi māneta ki te puha aihā a koutou.

Ko te akoakoga i nā tauhaga kāmata, e lahi lava oi fakatino e ala i te tāfao (play) – ke maua te fiafia i te tāfao, ma i taimi uma e mafai ai e koe, ke kavea ko he mea e fai fakatahi ma tau fānau.

Fiafia ki nā ata e tuhi e tau fānau ma a lātou mea e ‘tuhituhi’. Kā hē mālamalama koe i te lātou ata pe ko te uiga o te tala, fehili ki ei. Nahe popole ki te tūlaga o te lātou tuhituhi, ko te mea e tāua ko te mea e fakatatau ki ei te tala.

# Nūmela (Mathematics)

I aho uma, e iloa e au tamaiti ma mafai ke ki lātou fakaaogā ni muna (ideas) tau nūmela.

E mafai ke lagolago e koe te tūlaga kua pa ki ei to lātou mālamalama ma te mautinoa (confidence) i nā mea tau nūmela, i te fehoahoani ke hāfia e ki lātou nā fakaaataga, fakatātiaga, te fuaefa, te fakahologa ma nā fuainūmela, e tuha lava pe ko fea te iēi ai koutou, ma i te fakapoopo o nā muna tau nūmela ki a lātou tāfaoga, nā mea e fiafia ki ei, ma a lātou mea e fai i aho takitahi.

E tāua lahi ke fakamāhāni tau fānau ki nā fuainūmela auā e fakaholoholo atu ai lava ki te lahi o iētahi poto tau te nūmela. Ko tamaiti e lahi lava mua ki lātou iloa oi faitau nā fuainūmela ka ko hēki mālamalama ki lātou i te uiga o nā fuainūmela.

- ✦ Faitau mai te tahi ki te lima, nā muamuālima ma nā muamuāvae o nā tamaiti ma nā mataituhi o nā igoa o ki lātou.
- ✦ Uhu nā pehe e tali tutuha te fakaleoga o nā kupu ma e i loto ni fuainūmela.
- ✦ Faitau nā fuainūmela ka koi hāvavali koutou, fakamau nā fakamau, heti te laulau, tuku nā meakai ki loto o nā lunch boxes a ki lātou.
- ✦ Fakatumu fakatahi e koutou ma tau fānau te jigsaw puzzle.
- ✦ Fai nā igoa o nā shapes i te fale: he pale ipu lāpotopoto, he fakavaka ata oval, he puha fakatāfāfā.
- ✦ Faka pea nā mea – tōtini, kofu moe luga ma lalo, hēvae.

Fakaaogā te nūmela mo he mea e fai. Fehoahoani ki te akoakoga o tau fānau e ala i te fakaaogā o te nūmela ki nā mea kua uma te fai e ki lātou.

- ✦ Faitau leo lahi te nūmela o nā hitepu, faitau te nūmela o nā tāvale kukula/lanu moana e kītea e ki lātou.
- ✦ Tāfafao i nā pelē pe ko nā tāfaoga cardboard e fakaaogā ai nā nūmela.
- ✦ Ko ai te hili te loa? Fakatutū fakatau fulitua au tamaiti ma nā uō a ki lātou ke kīkila pe ko ai te hili te loa ma, pe ko ai te hili te pukupuku.

Fehoahoani ki te akoakoga o tau fānau e ala i te faitau leo lahi fakafia o nā fuainūmela – fakaaogā te gagana e hili te lelei mo koe ma tau fānau. Ko te faitauga o nā fuainūmela e fai e ki lātou i aho uma, ka fehoahoani ke mālamalama ai ki lātou i nā fuainūmela.

## Akoakoga i te ākoga

Kāfai e iloa lelei e faiākoga ia tamaiti, ka hili atu te mafai e ki lātou oi lagolago te akoakoga o ki lātou. Ko te mafai ke iloa e te faiākoga o tau fānau, ko he hitepu tāua muamua tēnā kāfai tau fānau e kāmata i te ākoga. E mafai ke fehoahoani koe i te faitala o koe ki te faiākoga e uiga ki nā mea e fiafia ma mokomoko ki ei tau fānau.

E tokalahi nā faiākoga e fiafia lele ke fakakikila ma talanoa ma nā mātua ki talaaga o gāluega a nā fānau (portfolios) mai te kāmata maiga i nā tautuaga ākoga kāmata. E fehoahoani lele te talaaga o nā gāluega kāfai e kāmata i te ākoga, auā e mafai e nā tamaiti oi kīkila ma talanoa fakatahi ki ei ma iētahi tamaiti, ma mafai ke faitau ma toe faiatu.

Kāfai e fia iloa e koe ni iētahi fakamatalaga e uiga ki te fehoahoani o koe ki tau fānau i te faitau, tuhituhi ma te nūmela, pe e uiga ki te tūlaga fano ki mua o akoakoga a tau fānau, fehili ki nā faiākoga o ki lātou. Ka fiafia lele ki lātou oi fehoahoani atu.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o tona tauhaga muamua i te ākoga...

Ka mafai e ia oi faitau nā tuhi faitau i te lēvolo green o te uili o nā lanu.

Ka mālmalama tau tamaiti i nā tala e ia faitaua, fakaaogā ni kupu e lahi kua uma te ia iloa, ma ka ia mafaia oi hiaki ke mautinoa ko nā fakaleoga o tana faitau e hoholo – e vē e tautala.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- mālmalama ma talanoa e uiga ki nā tala nae ia faitaua
- talanoa ma iētahi tino ki nā vāega mālie
- fakaaogā ni vāega o ni mataituhi ke hiaki pe fatu ai ni kupu fou
- iloa ma fakaaogā te lahi o nā kupu e fakaaogā ho
- faitau hoholo
- fīafia ki te faitau ma ia mafaia oi tali atu ki nā fakafehili ka koi fakaaou tana faitau.

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o tona tauhaga muamua i te ākoga...

ka galue ia i te kāmata o te curriculum level 1 ma fakaaogā ki ei tona mālmalama i nā number, algebra, geometry, measurement ma te statistics ke tuku tonu (solve) ai nā fakafehili (problems).

Ko tau tamaiti ka ono oi faitau nā nūmela kāmata mai i te 1, e ala i te fakaaogā o nā muamuālima pe ni mea (objects) ke tukutonu ai nā fakafehili. E ono oi kāmata faitau nā nūmela i tona māfaufau ma kāmata matea nā fakaaoga e vē ko te  $3 + 2 = 5$ .

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā nā nūmela e pa ki luga ki te 10, oi pa ki luga ki te 20 ke tukutonu ai nā fakafehili tau te nūmela (mathematics)
- faitau fano ki mua ma fakaholomuli i nā nūmela e pa ki te 20, oi toe fatau ke pa ki te 100 ma iloa te nūmela i mua ma te nūmela i tua o ho he nūmela e taku ki ei

Ko te uili o nā lanu e kāmata i te magenta, ko nā tuhi e i ei e faigōfie, ma fakaholo ai ki te red, yellow ma te blue ki te green, ma kāmata oi tamā faigatā ma tau nunumi i te fakahologa o nā lanu takitahi. Ka mafai ke uma te fai e tau tamaiti te lēvolo lanu orange ki te gold, i te lua pe ko te tolu o ona tauhaga i te ākoga.



## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o tona tauhaga muamua i te ākoga...

ka mafai e ia oi tuhituhi i te curriculum level 1.

Ko te tuhituhi a tau tamaiti e mo te lahi o māfuaga kehekehe i loto o nā vāega e lahi o te Kalikulama. Ko iētahi o ana mea e tuhituhi e ono ni lipoti e uiga ki he malaga (visit – social sciences) pe e uiga ki te kīkilaga o nā manu fāgaigai (science). Ka mafai e tau tamaiti oi faitau ma tautala e uiga ki ana mea kua tuhituhi.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakailoa e ia mafaia oi peleni te mea e fofou ia ke tuhi fakatatau ki ei e ala i te tautala, tuhi ata pe ini kupu
- fakahohoko tana tala ki nā mea e pa ki ei i aho uma
- fakaaogā nā kupu kua ia iloa mai ana faitauga.

### Kīkilaga patino ki te nūmela

I te tauhaga muamua o tau tamaiti i te ākoga, ko te 60–80 pahene o te taimi e akoako ai i te Mathematics, ka fakapatino lava ki te akoakogia i te nūmela.

- hukehuke nā fakaaoga (patterns), fakatātiaga (shapes) ma te fua o nā mea (measurements)
- fakatonutonu ma fai fakatahi nā mea
- faitala e uiga ki te mea e iei ia, na vēhea oi pa ki ei ma pe ko fea te fano ki ei – “Ko au e i mua o te lākau”, “Ko au e i ō tua”
- maua e ia ni fakamatalaga hako e ala i te fehilihili (e.g. e fia ia nofoa i loto o te potu ākoga?).

## I TE FALE

### Faitau

- Ko te faitau i te fale e tatau ko he mea e fīafia ai ma faigōfie – he mea e amanaki uma koutou ki ei, he taimi e faikakata ma faitatala ai.
- Ko taimi uma e fofou ke faitau ake ki a te ki lātou, ko te mea ia, faitau pea lava ki au tamaiti – ni tala, emails. Faitau i te gagana e hilli te lelei mo koe ma au tamaiti.
- Olo fakatahi ma nā tamaiti ki te faletuhi ma fehoahoani ki te fillifiliga o nā tuhi e fīafia ke faitau fakatahi.
- Uhu pehe ma toe fai nā tala (fāgogo) mai nā aho ka koi tamaiti ai koe.

Tuku ni avanoa ki au tamaiti ke hokohoko ai nā mea e faitau ki ei ki nā mea e tutupu ki o lātou ōlaga. Fakamanatu ki ei ni mea kua ki lātou faia kāfai ni mea vēnā e tutupu i te tala.

Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaogā ma te Igilihi – pe ko he ā lava te lelei mo koe ma tau fānau.

### Tuhituhi

- Lea ki au tamaiti ke tuhi fakamatala e uiga ki ni ata na ki lātou tuhia – ki he pepa pe ki te computer. Lea ki ei ke fai atu te tala ma, kāfai e fofou ki lātou ki ei, tuhi e koe te tala ki lalo o nā tuhīhiga a ki lātou.
- Gālulue ma nā tamaiti a koe i te faiga o nā fakaataga (shapes) o nā mataituhi i te ea pe i loto o nā vai e tākekele ai, pe i luga o he mea.
- Fehoahoani ki ei ki te faiga o he scrapbook i ni ata.

Talanoa e uiga ki te faitau. Talanoa e uiga ki nā mataituhi i nā iigoa o tau fānau.

### Nūmela (Mathematics)

- Kau fakatahi ma au tamaiti i te faiga o ni jigsaw puzzles, poloka ma nā tāfaoga laupapa. Lea ki tau tamaiti ke faitau pe tokafia ia tino i te fale mo nā väikaiga o te afiāfi, taeao ma te aoauli.
- Lea ki tau tamaiti ke tuku nā hēvae fai pea (in pairs) ki te faitotoka i mua/tua, ma faitau fakatahi ke iloa ai pe tokafia ia tino i loto o te fale. Fuafua pe tokafia ia tino ka i te fale mo nā väikaiga o te taeao/aoauli/afiāfi.
- Uhu fakatahi nā pehe e faitau ai nā nūmela.

Fakaaogā ke lahi ni kupu fuainūmela ka koi tafafao au tamaiti ke fatufatu ai to lātou mālamalama i te nūmela (mathematics) kāmata (“kui luga”, “kui lalo”, muamua, lua, tolu”, “tāmilo”, “kui loto”, “i mua atu”, “i muli mai”). E hēai he mea e iei kāfai e fakaaogā tau gagana muamua.

### E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o tona lua o tauhaga i te ākoga...

ka mafai ia ke faitau nā tuhi faitau i te lēvelo Turquoise o te uili o nā lanu.

Ka kaumai e tau tamaiti ki te fale ni tuhi faitau tala fatu ma ni tala moni. Ka loloa atu nā tala ma ono i loto ni ata tuhi e iei ni labels, ni kupu kua māhani ki ei, ni kupu fou mo nā ulutala ma fakaaogā he gagana fakamatala.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā nā mea kua ia iloa e uiga ki nā mataituhi ma iētahi kupu, ke fatu ai ni kupu fou
- faitau ni fuaikupu kātoa kae nahe i ei ni mānavaga loloa, ma fakaaogā te mākelona kae ke fakaleo hako ai nā kupu ma lelei i te fakalogo
- mātāu kāfai e i ei hana mea tāua e pahala (kae maihe lava pe kāfai ko nā mea kua hē toe kitea te uiga) ma pe vēhea oi toe fakahako, i te lahiga o taimi
- fakaaogā nā mea fakailoga (labels), speech bubbles, charts ma nā fātele (tables) ke fehoahoani ke mālamalama ai i nā tala
- faitau e hēai he leo nā ko ia
- ia iloa pe he tala moni pe he tala fatu, manatua na vāega tāua o te tala, ma ono ia mafai oi maua ni vāega ke tali ai ki ni fehili.

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o tona lua o tauhaga i te ākoga...

ka galue ia i te curriculum level 1 ma tuku tonu nā fakafehili (problems) e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka mafai e tau tamaiti faitau fano ki mua ma fakaholomuli i tona māfaufau, mai te nūmela e hili te maualuga, kae hē kāmatagia i te tahi. E ono fakaaogā e tau tamaiti ona muamuālima ke fehoahoani ki a te ia oi manatua nā nūmela.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā nā nūmela e pa ki luga ki te 100 ke tuku tonu ai nā fakafehili (problems)

Ko te uili o nā lanu e kāmata i te magenta ma ko nā tuhi e i ei e faigōfie, ma fakaholo ai ki te red, yellow, blue, green, ma te orange ki te turquoise, ma kāmata ai oi tamā faigatā ma tau nunumi i te fakahologa o nā lanu takitahi. Ka mafai ke uma te fai e tau tamaiti te lēvelo lanu purple ma te gold, i tona tolu o ona tauhaga i te ākoga.



## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o tona lua o tauhaga i te ākoga...

ka mafai ia ke tuhituhi i te curriculum level 1.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuhi ni tala ma iētahi itūkāiga tuhutihiga e ia mafaia oi fai i te ākoga ma i te fale. E aofia ai nā fakatonuga faigōfie, fakamatalaga o he mea e tutupu ma pe na vēhea oi tutupu, fakamatalaga faigōfie o ni tino, ma nā mea kua ia faia ma kiteagia, iloa e uiga ki ei pe e fatu e ia
- fakaaogā hako nā piliota, fakailoga fehili ma nā mataituhi lalahi i te lahiga o taimi
- hipela hako nā kupu e lahi ma taumafai oi tuhi ni kupu fou e fakaaogā ai nā mea kua ia iloa e uiga ki iētahi kupu tutuha
- tuhi ni fuaikupu loloa ma fakaaogā nā kupu hokohoko ("e vē", "ma") ke hokohoko fakatahi ai nā fuaikupu.

### Kikilaga patino ki te nūmela

I te tauhaga lua o tau tamaiti i te ākoga, ko te 60–80 pahene o te taimi e akoako ai i te mathematics, ka fakapatino lava ki te akoakogia i te nūmela.

- faitau taki 2, 5 ma 10, fano ki mua ma fakaholomuli
- maua te  $\frac{1}{2}$  ma te  $\frac{1}{4}$  o nā fakatātiaga (shapes) faigōfie ma nā sets of objects
- fakavahega nā mea ki ni vāega e taufai tutuha ma fakamatala tana mea kua fai
- fehili ma tali nā fehili ma fakakitea te ikuga o ana hākilikiliga
- fai ma mulimuli ki ni fakatonuga
- fua ni mea e fakaaogā ai ona lima, vae pe he penitala.

I TE FALE

Faitau

- Fakamālohi au tamaiti ke faitau ho ki ni itūkāiga mea – te TV guide i te nuhipepa, fakailoga (signs) i te auāla, label mo nā meakai. E lelei foki nā recipes faigōfie – e mafai foki ke kai koe kini mea nā faitau ki ei.
- Olo fakatahi ma nā tamaiti ki te faletuhi ma fehoahoani ki te fillifiliga o nā tuhi e fīafia ke faitau fakatahi.
- Faitāfaoga i nā fakaleoga (sounds) ma nā kupu, fai ni fakaleoga tutuha (rhymes) i taimi uma e mafai ai, faitāfaoga i ni kupu fai tāfaoga e vē ko te "Mate mai pe ko ai".



Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaogā uma tau gagana muamua ma te Igilihi – pe ko he ā lava te lelei mo koe ma tau fānau.

Kavea te faitau i te fale ko ni mea e fīafia ai ma e faigōfie – he mea e amanaki ki ei ia koe ma au tamaiti, he taimi e faikakata ma faitatala ai.



Tuhituhi

- Fakamālohi au tamaiti ke tuhituhi – ki he pepa pe ki loto o te Komipiuta. E lelei foki te fehoahoani o koe ki te tuhituhi a nā tamaiti. Fai ki au tamaiti ni fakakamālō e lahi kae maihe lava kāfai e kē kitegia e taumafai ātili.
- Fai he tuhi ata ma lea ki au tamaiti ke tuhi he ulutala (title) ma ni fakakupuga (captions) mo nā ata takitahi, ma nā igoa o nā tino, ma pe ni ā ta ki lātou e fai.

Fakaaliali (display) ana gāluega. Ke fīafia koe ona ko tana mea tēnei. Fakahino ki iētahi tino.

Nūmela (Mathematics)

- Fehoahoani ki au tamaiti oi hakili ma hohoko (connect) nā nūmela i tō fale ma nā tuākoi o koe e.g. 7 i he puha meli, 17 i hētahi ma te 27 i hētahi.
- Faitāfaoga ma au tamaiti i nā tāfaoga fuainūmela, kae maihe lava te fakaaogā ma te faiga o ni fakaataga (patterns) kāfai e faitau fano ki mua ma fakaholomuli (e.g. 5, 10, 15, 20... ma te 20, 15, 10, 5).

Ko te nūmela (mathematics) ko he vāega tāua o te ōlaga i aho uma, ma e lahi nā auāla e mafai ai ke fai e koe ma mea e fīafia ki ei nā tamaiti a koe.

E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o tona tolu o tauhaga i te ākoga...

ka mafai e ia oi faitau nā tuhi faitau i te lēvolo gold o te uili o nā lanu.

Ko nā tuhi e kaumai e tau tamaiti ki te fale ke faitau ki a te koe e ono iei ni pāhina e hēai ni ata ma ni kogāfenua, mea tutupu, ulutala ma ni kupu e hē māhāni ki ei. Ko tau tamaiti ka ia mafaia oi fakaaogā nā ata ma iētahi vāega tāua (features) o te tuhituhiga (ulu tala (sub-headings) nā puha mo nā tuhituhiga, footnotes, glossaries, indexes, ata tuhi, fāfanua) ke iloa ai te uiga. E ono oi mafai foki e ia oi faitau ni tuhituhiga (articles) tau science, art pe ko iētahi vāega o te kalikulama – e.g. e uiga ki te olaga fakatāmilo o he iniheti.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā te ata pe ko te uiga o te tala ke iloa ai nā kupu e hēki māhāni ki ei, pe ke iloa ai te uiga
- hāfia kāfai e iei hona pahala ma toe fakahako, i te lahiga o taimi
- maua nā fakamatalaga (information) e i loto o te tala, vēnā ma ni fakamatalaga e hē matuā manino pe hē tākua
- faitala ki te uiga o te tala ma lea atu ki nā mea kua ia iloa mai te faitauga o he ulutala fakapitoa, ma hiaki e ia pe tutuha o lā iloa ma te tuhitala kāfai e faitau e uiga ki he mea (area) e fāfia ki ei.

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o tona tolu o tauhaga i te ākoga...

ka galue ia i te kāmātaga o te curriculum level 2 e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka mafai e tau tamaiti oi ako ke iloa oi tuku tonu (solve) nā fakafehili tau nūmela (mathematics problems) e ala i te tuku kehekehe o nā fuainūmela ma fakaga oi fakatāmilo kae hē faitau. Fakatakikāgā,  $8 + 5$  e mafai ke vē  $8 + 2 + 3$ .

**Ke mafai e tau tamaiti oi lakahia te standard, ka akoakogia ia ke:**

- explore nā fakaaataga i loto o nā nūmela e pa ki luga ki te 1,000
- fakaaogā ana basic facts ke tuku tonu (solve) ai ni fakafehili (problems)
- faitala e uiga ki nā vaevaega (fractions) kāfai e explore nā fakatātiaga (shapes) ma nā mea e lahi (quantity)

Ko te uili o nā lanu e kāmata i te magenta, ko nā tuhi e i ei e faigōfie, ma fakaholo ai ki te red, yellow, blue, green, orange, turquoise ma te purple ki te gold, kāmata ai oi tamā faigatā atu ma tau nunumi i te fakahologa o nā lanu takitahi.



## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o tona tolu o tauhaga i te ākoga...

ka mafai ia ke galue āgai ki te tuhituhi i te curriculum level 2.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- māfaufau, fakamaumau ma fakailoa nā mea a ia e fai, ona manatu (ideas) ma nā fakamatalaga
- fakatonutonu ana tuhituhiga e fakaaogā ai he basic structure e.g. tuhiga o ni tuhituhiga e iei te kāmātaga, te lototonu ma te fakaiuga
- tuhituhi mo ni māfuaga e lahi e tau uma ki te Kalikulama, e.g. he lipoti mo te social sciences
- tuhituhi e lahi lava ni fuaikupu faigōfie (ma ko iētahi taimi ni fuaikupu faigatā) e kehekehe i o lātou kāmātaga ma te loloa
- fakaaogā ni kupu e fakaaoga tonu lava ki te ulutala ma kua filifilia mo te kau fakalogologo
- hipela ho he kupu e fakaaogā hako e ia, ma fakaaogā nā mea kua ia iloa e uiga ki te fakaleoga i nā kupu ke mafai ai e ia oi iloa hipela nā kupu ko hēki ia iloa
- ati ake pea tona mālamalama i te faiga o nā mānavaga (punctuation) ma fakaaogā ho e ia.

### Kikilaga patino ki te nūmela

I te tauhaga tolu o tau tamaiti i te ākoga, ko te 60–80 pahene o te taimi e akoako ai i te mathematics, ka fakapatino lava ki te akoakogia i te nūmela.

- tuku fakavahega ni mea ma faitala e uiga ki nā mea e kehekehe ai ma nā mea e tutuha ai
- gaohi ma fakamatala ni fakaaataga (patterns)
- fua ni mea ma taimi
- fai ma mulimuli ki ni fakatonuga
- faitala e uiga ki te māfuaga e mafai ai ke tupu he mea pe hēai
- hākilikili he ulu tala, fakakitea ma talanoa ki he mea kua ia maua.



I TE FALE

Faitau

- Faitau ki au tamaiti i aho uma.
- Hakilikili ni avanoa mo au tamaiti ke faitau i ho he mea e i ei ai koutou – haini, laupapa fakailoa (billboards), junk mail, fakaaliga, nuhipepa, recipes.
- Fakailoa ki au tamaiti ko te faitau he mea e mafai ke fiafia ai ma e tāua ki a te koe e ala i te ki lātou kitea ko koe e faitau.



Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaogā uma tau Igilihi – pe ko he ā lava te lelei mo koe ma tau fānau.

Olo hō ki te faletuhi ma fehoahoani ki au tamaiti oi filifili nā tuhi faitau e lei nā ulutala e fiafia ki lātou ki ei. Kave nā tamaiti ki nā mea e fai mo tamaiti i te faletuhi.

Tuhituhi

- Ko te tuhituhi mo he māfuaga e mōni e mafai ke fehoahoani ki au tamaiti ke fofou ai ke tuhituhi. Fehoahoani ki ei ke lafo ni cards fakafetai, taipa ni emails, pe tuhi ma lafo i te meli ni tuhi pupuku.
- Fakamālohi ki au tamaiti ke tuhi ki lalo he tala pe he fāgogo ma fakatino ai e koutou fakatahi.
- Tatipi nā kupu ma ni mataituhi mai ni magazines ma ni nuhipepa ke fai ai ni tala, tauloto (poems), puzzles ma ni cards.

Ke tūmau pea te kavea o te faitau ko he mea e fakafiafia ai ma fakaaogā ho he excuse e manatua e koe ke fakamālohi ai au tamaiti ke tuhituhi e uiga ki ho he mea, i ho he taimi.



Nūmela (Mathematics)

- Fakamāoopoo au tamaiti ma fai fakatahi ni autou activities ka e taimi. Tāofi e koe te uati ma faitau e ki lātou pe fakafia oi fitifiti te polo i te minute.
- Kave au tamaiti ke fehoahoani i te supermarket – lea ki ei ke kaumai ni mea patino (he apa beans kukula tau taigole, huhu e 2 lita, hōhihi e 250 g).

Ko te nūmela (mathematics) ko he vāega tāua o te ōlaga i aho uma, ma e lahi nā auala e mafai ai ke fai e koe ma mea e fiafia ki ei nā tamaiti a koe.



E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

#### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o te Year 4...

ka ia mafaia oi faitau i te curriculum level 2.

Ka mafai e tau tamaiti oi faitau ni itūkāiga tala fatu ma ni tala moni ke lagolago ki ana akoakoga i loto o nā vāega uma o te kalikulama.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- iloa nā mea e fia faitau ia ki ei ma e ia mafai oi filifili te mea e hako mo ia
- mālamalama i nā mea e ia faitau ma mafai ke faitala e uiga ki nā manatu (ideas) tāua, ma vērā ki nā manatu e hē matuā manino
- iloa ma mālamalama i nā fakamatalaga i loto o ni itūkāiga tuhi kehekehe
- faitau hoholo, fiafia oi faitala
- iloa kāfai e i ei hana mea hehē i tana faitau ma ia mafaia oi toe fakahako, i te lahiga o taimi
- faitau ke ia mau nā fakamatalaga, e vērā ko nā tali ki nā fehili.

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

#### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o te Year 4...

ka galue ia i te curriculum level 2 e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka tuku tonu (solve) e tau tamaiti nā fakafehili (problems) i te fakaaogā e ia o nā fakamatalaga fakavae (basic facts) tau ki te fakapoopo, tōkehe ma te fātele ma te ia iloa o te place value.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- galue ma nā nūmela e pa ki te 1,000
- fakaaogā tona iloa o te fa 2, 3, 4, 5 ma te fa 10, ke tukutonu ai nā fakafehili (problems)
- mau nā tauvāega (sets), nā fakatātiaga (shapes) ma te lahi (quantities)

## Tuhituhi

### WRITING STANDARD

#### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o te Year 4...

ka ia mafaia oi tuhituhi i te curriculum level 2.

Ka tuhituhi e tau tamaiti ni itūkāiga material ke fehoahoani ki ana akoakoga i nā vāega uma o te kalikulama.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā tana tuhituhi ke māfaufau ai, fakamaumau ma fakailoa ai nā mea a ia e fai, ona manatu (ideas) ma nā fakamatalaga
- tuhituhi e ia lava mo ni māfuaga (purposes) kehekehe
- iloa ko tana tuhituhi e tatau ke fetau ma te kau fakalogologo
- faitau ma hui tana tuhituhi ke fakalelei ātili, i te lahiga o taimi
- ia kitea nā mea hehē i te hipela, kalama ma nā mānavaga ma fakahakohako e ia i tana tuhituhiga, i te lahi o taimi
- lolomi ana tuhituhiga ini itūkāiga auala e lahi e aofia ai te fakaaogaga o nā computers, mea pukeata, illustrations, ma nā ata tuhi.

#### Kikilaga patino ki te nūmela

I te Year 4, ko te 60–80 pahene o te taimi e akoako ai i te mathematics, ka fakapatino lava ki te akoakoga i te nūmela.

- fakaaouu te faiga o nā fakataga (patterns) ma fakamālamalama te tūlāfono mo te fakataga
- fakavahega nā mea ma fakamatala pe vāhea te tuku vaevaega (e.g. fakatātiaga ma te fuaefa)
- filifili pe he ā te auala e hili te lelei ke fua ai te loa, te area, volume, capacity, mamafa, vevela ma te taimi
- fai ni fāfanua faigōfie ke kitea ai te mea e iei ai ma te mea e fano ki ei
- faitala e uiga ki nā mea ka tutupu pe ka hē tutupu
- fatu ni fehili ke hākilikili ki ei, oi fai ai he graph ma talanoa ki ana fakaiikuga

## I TE FALE

### Faitau

- ✦ Lea ki au tamaiti ke taku atu ki a te koe e uiga ki a lätou mea e faitau:
  - ko ai te favourite character ma pe aihea?
  - he ā te mea e manatu ki lätou kā pa ki ei?
- ✦ Fakalogo ki te faitau a nā tamaiti a koe i aho uma. (Ke manatua e mafai e ki lätou oi faitau ki iētahi tino o te kāiga.)
- ✦ Ko te tāfao i ni tāfaoa laupapa (board games), ma nā pelē (card games) e tāua lahi foki. Filifili nā tāfaoa e fia tāfaoa uma ai.

Tuku ni avanoa ki au tamaiti ke hokohoko ai nā mea e faitau ki ei ki nā mea e tutupu ki o lätou ōlaga. Fakamanatu ki ei ni mea kua ki lätou faia kāfai he mea vĕnā e tutupu i te tala.

### Tuhituhi

- ✦ Fakamālohi ki au tamaiti ke fakaaogā te computer ke tuhi ai ni emails, birthday cards, tauloto, tala fakakata ma ni tuhi. E iei nā computers i nā faletuhi e mafai ke fakaaogā e te public.
- ✦ Gālulue fakatahi i he tāfaoa i ni tamā kupu e maua i te vāega mo tamaiti i te nuhipepa pe ni mea e faitau fakatahi e koutou.
- ✦ Tāfaoa i ni kupu. Māfaufau ki ni kupu e fiafia ki ei, talanoa ki ni kupu fou ma kikila ki ni kupu i te tuhi lomi fefiloi (dictionary). E fehoahoani ke lahi ai ni kupu e fakaaogā e au tamaiti kāfai e tuhituhi.

Ke kavea koe ma fakatakitakiga. Fakakikila mo te lahi o nā māfuaga. Ke kitea e ki lätou ko koe e fiafia oi tuhituhi. Tuhituhi foki ki ei i ni taimi. Fakaaogā te gagana e faigōfie mo koe.

### Nūmela (Mathematics)

E lahi nā gāoioga i aho uma e mafai ke i loto ai au tamaiti, e aofia ai:

- ✦ hakilliga ma te hokohokoga o nā nūmela i te fale ma nā tuākoi – he uati, nā puha meli, fakailoga mo te haohaoa, fakailoga e kitea ai te mamao
- ✦ māfaufau pe fia ni nūmela telefoni e mafai ke manatua e ki lätou – talanoa e uiga ki nā mea e tatau ke fai e ki lätou ke manatua ai e ki lätou te fakaholohologa o nā fuainūmela
- ✦ hiaki pe fia te tupe ē manakomia e koe kē tuku ki loto o te mita paaka tāvale ma pe ko te ā te taimi e tatau ke toe pa mai ai koutou ki te tāvale, ka ko hēki uma (expire) te mita.

Ko te auala e akoako e au tamaiti ke tuku tonu (solve) ai nā fakafehili (problems) e ono oi kehe mai te mea nae i ei ai ka koi te ākoga ai koe. Lea ki ei ke fakahino atu ki a te koe pe vĕhea oi fai e ki lätou, ma lagolago ki ei ia lätou akoakoga.

### E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o te Year 5...

ka galue ia ke mafai oi faitau i te curriculum level 3.

Ka mafai e tau tamaiti oi faitau ma mālamalama i ni itūkāiga tala fatu ma ni tala moni ke fehoahoani ki ana akoakoga i loto o nā vāega uma o te kalikulamu.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- faitau mo ni taimi mataloa
- filifili nā tala e lagolago ki ana akoakoga ma filifili nā tala e fiafia oi faitau ki ei
- filifili pe ni iloa faitau (reading skills) vāhea e fakaaogā e ia kāfai e pa ki ni fakafitāuli ma pe kāfai e faitau ni tala e faigatā atu – e.g. toe faitau nā vāega e hē malamalama ai
- hakili te uiga o nā kupu e hē ia iloa e ala i te ia fakaaogā o ni iētahi kupu, ata pe ni iētahi clues
- mālamalama ma talanoa ki nā lēvolo kehekehe o te uiga e mafai ke i loto o he tala – e.g. te mālamalama i nā uiga e hē manino lelei (hidden meanings)
- faitau ni tala kehekehe e uiga ki te matākupu (topic) lava e fokotahi, ma mafai ke tuku fakatahi nā fakamatalaga iēnei ke fakailoa ai he manatu (idea), pe tuhituhi e fakatatau ki te matākupu (topic)
- fehili ma tali ni fehili e uiga ki nā mea a ia e faitau
- talanoa e uiga ki te faiga o nā filifiliga a nā tuhitala (authors) kāfai e fai a lātou tuhituhiga – e uiga ki nā kupu, nā koga, characters ma nā ideas kua filifili e nā tuhitala.

## Nūmela

(Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o te Year 5...

ka mafai e ia oi galue i te kāmataga o te curriculum level 3 e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka iloa e tau tamaiti oi tuku tonu (solve) nā fakafehili (problems) e faigatā atu e aofia ai ni hitepu, e filifili mai ai e ia te faiga (method) e hili atu te talafeagai, ke fehoahoani ki a te ia oi tuku tonu te fakafehili. Ka akoako tau tamaiti i ni itūkāigā faiga (approaches) ke tuku tonu ai nā fakafehili.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- filifili he auala (method) fetau (e fakaaogā ai te +, -, x, ÷) ma fakamatala manino tana method ki iētahi tino

## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o te Year 5...

ka ia mafaia oi tuhituhi i te curriculum level 3.

Ko te tuhituhi a tau tamaiti ka kitea ai pe ni ā te māaufau ia ki ei, ma fakamatala ai foki nā mea na pa ia ki ei ma nā fakamatalaga (information) kua ia maua e ala i te talanoa, fakalogo ma te faitau e uiga ki nā ulutala (topics) i loto o nā vāega uma o te Kalikulamu.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- fakaaogā ni auala kehekehe ke māaufau ai, peleni, tukutonu ma fakailoa nā mea kua pa ia ki ei, nā fakamatalaga ma nā manatu (ideas)
- fakaaogā nā kupu ma nā vaegākupu (phrases) e uiga ki te ulutala kua filifilia
- filifili te auala e hili te lelei ke fakakupu ai hana fekau pe ni manatu (ideas) e ala i te tuhituhi
- tukutuku tonu (organise) tana tuhituhi, fakaaogā ni fakamatalaga (details) ke lagolago ai nā manatu kautū ma ni palakalafa ke fakavahega ai ona manatu (ideas)
- fakalelei ātili te manino ma te āfiaga (impact) o tana tuhituhi, i te lahi o taimi, kāfai e maua mai ni fautuaga (feedback) mai iētahi tino
- hiaki ana lava tuhituhiga ke fakahako te hipela, kalama ma nā mānava
- filifili te auala e hili te lelei ke lolomi ai ana tuhituhiga, e aofia ai te computer technology, lolomiga, charts ma na ata tuhi.

### Kikilaga patino ki te nūmela

I te Year 5, ko te 50–70 pahene o te taimi e akoako ai i te mathematics, ka fakapatino lava ki te akoakoga ke iloa tuku tonu (solve) nā fakafehili (problems) e fakaaogā ai te akoakoga i te nūmela.

- fakaaogā ana fakamatalaga fakavae (basic facts) ke ia iloa ai nā fakamatalaga ko hēki iloa (unknown facts) ma hakili nā vaegāmea o nā sets, fakatātiaga (shapes) ma te lahi e i ei ai
- fakavahega nā 2D ma nā 3D fakatātiaga (shapes) ma fakamatala pe na vāhea oi tuku vāega e ki lātou
- fakaaogā na grid references i nā fāfanua ma nā mata komepaha (points of the compass) ke fakamatala ai te tūlaga (position) e iei ai he mea
- fua te fuaefa ma te lahi (capacity) o nā fakatātiaga (shapes)
- hākilikili ki te concept of chance e ala i te fakaaogā e ia o nā fakaiakuga (outcomes) uma
- hukehuke nā fehili, fakaali nā fakamatalaga ma talanoa e uiga ki nā mea na maua i ana hukehukega (data).

I TE FALE

Faitau

- Faitala ma tau tamaiti e uiga ki te lahi o nā itūkāiga tala e faitau pe tuku gutu ( tuhituhiga i te nuhipepa, internet sites, nā tuhi komi, tala fagogo, pehe pe nei tala tuhi). Kikila ki he tuhituhiga i te nuhipepa e fiafia koe ma au tamaiti ki ei, ma talanoa pe ko he ā te uiga ki a te koutou tau tokatahi.
- Fai nā tala nae fiafia koe faitau ki ei ko koi tamaiti koe, ki au tamaiti. Hakili i te internet ma kikila ki nā tuhi faitau e tāli tutuha. Taumafai oi hakili he kopi i te faletuhi i te koga e nofo ai koe.
- Olo ho ki te faletuhi. Fehoahoani ki au tamaiti oi fillifili nā tuhi faitau e fiafia ki ei pe e fakatatau ki nā mea e hukehuke ki ei i te ākoga. E ono fofou ke fehoahoani ake koe e ala i te faitau foki e koe ki a te ki lātou.

Ko te faitau ki au tamaiti ko hētahi ia o mea pito hili te tāua e mafai ke fai e koe, e tuha lava pe he ā te mātutua o ki lātou. E mafai ke faitau e koe ki ei nā tala i tau gagana muamua kāfai koe e fofou ki ei – e maua ai te hūiga lahi ki te akoakoga o au tamaiti.

Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaoā te gagana e hili atu te lelei mo koe ma tau fānau.

Tuhituhi

- Fakaavanoa he väega fakapitoa ke tuhитуhi ai au tamaiti – ma ni peni, penitala ma ni pepa.
- Fehoahoani ki au tamaiti ke tuhi ki loto o tana diary e uiga ki nā mea e pā ki lātou ki ei, nā kāiga, uō pe i nā holidays. E mafai ke fakaaoā ni ata puke, ata tuhi pe ni cut-up brochures fakatahi ma ana tuhituhia.
- Fakamākeke ki au tamaiti ke tuhитуhi ki nā tino o te kāiga i fafo o te atunuku.
- Tāfafao ma au tamaiti i ni tāfaoga e fai ini kupu e vē ko te Scrabble, Hangman, crosswords puzzles.

Ke kavea pea te tuhитуhi ko he mea e fiafia ki ei ma fakaaoā ho he togafiti ke fakamālohi ai ki au tamaiti ke tuhитуhi e uiga ki ho mea, i ho he taimi.



Nūmela (Mathematics)

- Fakatakitaki (practice) nā fātele (times tables) – faitala ki au tamaiti pe ko to lātou faiākoga pe ni fātele vēhea te tatau ke fehoahoani ai koe ki a te ki lātou.
- Tāfafao fakatahi ma au tamaiti i nā tāfaoga – pelē ma nā tāfaoga laupepa (board games) e fakaaoā ai te tau matemate (guessing) ma te hiakiga.

Ko te fiafia (positive) ki te nūmela (mathematics) e tāua lahi lele mo te akoakoga o au tamaiti – e tuha lava pe nae hē fiafia koe ki ei pe he matākupu nae hē lelei ai koe i te ākoga.



E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

#### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o te Year 6...

ka mafai ia ke faitau i te curriculum level 3.

Ka faitau e tamaiti nā tuhi faitau tala mōni, nā tuhi faitau fai matākupu, magazines, ma nā fakamatalaga i te computer. Ka faitau e ia nā itūkāiga tuhi faitau kehekehe i loto o nā vāega uma o te kalikalamu.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- faitau vave nā tala loloa ma mataloa nā taimi e faitau ia
- maua nā fakamatalaga ma nā manatu (ideas) e maua gōfie i loto o te tala, e vēnā foki ma nā fakamatalaga e hē matuā manino lelei i te kikila – e fakaaoā ai nā fakahino ala (clues) i te tala ma nā mea kua uma te ia iloa
- hakili te uiga o nā kupu e hē ia iloa e ala i te fakaaoā o nā fakahino ala (clues) i te tala pe ko nā ata ma na ata tuhi
- maua vave nā manatu (ideas) tāua ma nā fakamatalaga e ala i te kikila vave ki ei (skimming) ma te kikila totoka ki ei (scanning) e.g. fakaaoāga o nā sub-headings, key words pe nā fuaikupu muamua i nā palakalafa
- iloa ko iētahi taimi e tatau ke faitau e ia nā auala e maua ai nā fakamatalaga (tuhi faitau, magazines, te internet) e manakomia e ia mo ana mea ākoga.

## Tuhituhi

### WRITING STANDARD

#### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o te Year 6...

ka ia mafaia oi tuhituhi i te curriculum level 3.

Ko te tuhituhi a tau tamaiti ka kitea ai pea:

- nā mea e māfaufau ki ei ma te fakamatalaga o nā mea e pā ia ki ei
- nā fakamatalaga (information) kua ia maua e ala i te tautala, fakalogo ma te faitau e uiga ki nā ulu tala i loto onā vāega uma o te kalikalamu.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- filifili te itūkāiga tuhituhi e talafeagai ma te tino ka faitau ki ei
- peleni nā mea ka tuhituhi āgai ki ei i ni faiga kehekehe
- tuku tonu ma fakaholo lelei ana tuhitudiga e fakaaoā ai nā palakalafa ma iētahi faiga e vē ko te ulu tala, sub-headings, ata tuhi, ata puke ma nā captions
- filifili fakalelei nā kupu ke talafeagai ma te ulu tala pe ko te mea e fakaaga ki ei (purpose) ma ke mafai ai nā tino ke fāfia oi faitau ki ana tuhitudiga
- hiaki ana tuhitudiga ke mautinoa e maua te uiga
- hipela hako te lahiga o nā kupu ma fakaaoā hako nā mānavaga (punctuations)

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

#### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o te Year 6...

ka mafai e ia oi galue i te kāmataga o te curriculum level 3 e fakaaoā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka iloa e tau tamaiti oi tuku tonu (solve) nā fakafehili (problems) e aofia ai ni hitepu, e filifili mai ai e ia te faiga (method) e hili atu te talafeagai, ke fehoahoani ki a te ia oi tuku tonu te fakafehili. Ka akoako tau tamaiti i ni itūkāigā faiga (approaches) ke tuku tonu ai nā fakafehili, ma ka ia mafaia oi fai ni fakamatalaga fakalauaitete (general statements) e uiga ki nā nūmela ma nā fakaataga (patterns).

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuku tonu (solve) nā fakafehili (problems) e (fakaaoā ai te +, -, x, ÷) e manakomia ai ke ia filifilia te auala (method) e pito hili te lelei

#### Kikilaga patino ki te nūmela

I loto o te Year 6, ko te 50–70 pahene o te taimi e akoako ai te mathematics ka fakapatino lava ki te akoakoga i te nūmela.

- faifai pea lava te tau taki āfa (repeated halving) pe ko nā multiplication factors ke tuku tonu ai nā fakafehili e aofia i loto nā vāevaega (fractions)
- maua te value o he nūmela e fakatū i he fakaataga (pattern)
- fakavahega, fālite ma iloa nā 2 ma nā 3D fakatātiaga (shapes)
- fua te taimi, te area ma te volume o nā mea (objects)
- fakaaoā na grid references i nā fāfanua ma nā mata komepaha (points of the compass) ke iloa ai te mea e fano ki ei (direction)
- tuhi ni ata o ni mea mai ni kikilaga (viewpoints) e kehekehe
- fakamatala te ikuga (results) o he hukehukega i te kua ia iloa o nā fakaataga (patterns)
- fai ni fakatakikiga (experiment) ke iloa ai te ono mafai (likelihood) o he mea ke tutupu.

I TE FALE

Faitau

- Ke kavea koe ma fakatakitakiga (role model) ki au tamaiti. Faitau kāfai koe e mālōlō (relaxing). Faitau ke mau ni fakamatalaga mai te nuhipepa, websites, brochures, timetables ma nā tuhi. Fakatonu he taimi ke olo ho ai koutou ma au tamaiti ki te faletuhi.
- Ko tamaiti uma lele e fiafia ke faitau ake kia te ki lätou, haga faitau pea la ki tau tamaiti. Faitau i te gagana e hili te lelei mo koe ma tau tamaiti.
- Fakamākeke tau tamaiti ke faitau ma ke mulimuli ki nā fakatonuga (instructions) – mulimuli ki te recipe mo te meakai e fiafia lahi ki ei tō kāiga pe mo he väega o nā meakai (menu) mo he aho fānau. Filifili ni fuälākau kai mata (vegetables) ma ni tiale ke totō i te fātoaga a au tamaiti.

Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaogā te gagana e hili te lelei mo koe ma tau fānau.

Fakamākeke ki au tamaiti ke faitau i aho uma. Ke kavea te faitau ko he mea e fiafia ki ei ma fakamālō ki ei mo a lätou taumafaiga.

Tuhituhi

- Tapena he mea fakapitoa ke tuhituhi ai tau tamaiti – ma ni peni, penitala, felts ma ni pepa.
- Tāfafao ma tamaiti i te pelē ma ni tāfaoga laupepa (board games).
- Tuhi he lihi o nā mea e fai fakatahi ma au tamaiti. Fai ho manatu ke fai e ki lätou te lihi o te fakatau pe o te fakahologa ki te faiga o nā fekau i te fale.
- Fakamākeke ki au tamaiti ke tuhituhi ki lalo e uiga ki a lätou kāmutoa (heroes), nā takaloga, nā hobbies ma nā mea e fiafia ki ei, ke tūmāu ai tō lätou fiafia e uiga ki nā mea e tuhituhi ki lätou e uiga ki ei.

Faitala e uiga ki nā mea e tuhituhi e au tamaiti. Fakaaogā a lätou tuhituhiga e vē he auala ke kāmata ai ni fakatalanoaga. Fakalogo ki o lätou manatu.

Nūmela (Mathematics)

- Lea ki nā tamaiti a koe ke fehoahoani atu ki a te koe i te supermarket, i te fakapoopoga o te tuku fakatahiga o te aofakiga o nā tupe fano a koutou.
- Fai he lihi (wish list) o nā mea e fofou au tamaiti ke fai pe ke fakatau ia lätou pocket money. Fai he budget (vaevaegā tupe) o nā mea e fofou ki lätou ki ei mai te lihi. Talanoa pe vēhea oi mafai ke maua (earn) ni iētahi pocket money ma ki lätou.
- Tāfafao ma au tamaiti i ni tāfaoga laupepa (board games) ma nā pelē.

Ko te nūmela (mathematics) ko he väega tāua o te olaga i aho uma ma e lahi nā faiga e mafai ke fai ai ke fiafia ki ai au tamaiti.

E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiäkoga.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o te Year 7...

ka mafai ke galue āgai ki te curriculum level 4.

Ko tau tamaiti ka ia mafaia oi hakili, māfaufau ki ei ma tuku fakatahi nā fakamatalaga ma nā manatu (ideas) i loto ma e aofia ai i ni tuhi faitau ma ni tala e lahi. Ka koi fai e tau tamaiti te mea tēnei, ka ia mafaia oi māfaufau ki ni ana lava fehili ma mafai ke talia atu ki ni fehili e aofia ai nā vāega uma o te kalikulama.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- faitau ni tala e lahi e aofia ai nā tala fatu ma nā tala moni, ma ni lēvolo o nā uiga e aofia ai nā vāega o te tala e hē mālamalama gōfie ki ei, nā matākupu (plots) ma nā manatu (ideas) faigatā
- matea vave te lahiga o nā kupu ma hakili te uiga o nā kupu faigatā e ala i te fakaaogā o ni peleni (strategies) kehekehe – fakatakikiga, te iloa fakaleo o nā mataituhi (letter-sound knowledge), e fakailoa ai nā mea e hē ia iloa, nā mea kua uma te ia iloa e uiga ki ni vāega o ni kupu ma te fakataga (patterns) o nā mataituhi
- filifili te peleni e hili te lelei – mai ni peleni kehekehe e ia iloa – ke fehoahoani kia te ia oi mālamalama i nā mea a ia e faitau
- matea ma fakaaogā nā features o te kalama ke lagolago ai tona mālamalama i nā kupu e faigatā mǎlie
- fakaaogā tana fuafuaga (judgement) ke ia iloa ai tana tali atu ki he mea e faitau e ia ma māfaufau e uiga ki nā mea e lelei (strengths) ma nā mea e hē lelei (weaknesses) e faitau ki ei, e fakaaogā ai ni itūkāiga fakamatalaga kehekehe

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o te Year 7...

ka mafai e ia oi galue i te kāmataga o te curriculum level 4 e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka tuku tonu (solve) e tau tamaiti nā fakafehili (problems) e fakaaogā ai te fātele (multiplication) ma te vāevāe (division) iēia e fakaaogā ai nā tehimale, vaegāmea (fractions) ma nā pahene. Ka fakaaogā e tau tamaiti ni peleni māfaufau (thinking strategies) kehekehe ke fehoahoani ki a te ia i ana hukehukega o te nūmela (mathematics).

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuku tonu nā fakafehili (problems) e i ei ai nā tehimale e ala i te fakaaogā o te fakapoopo (addition) ma te tōkehe (subtraction)
- fakaaogā ni faiga (methods) kehekehe tau te fātele (multiplication) ke tuku tonu ai nā fakafehili e ala i te fakaaogā o nā nūmela kǎto (whole numbers) ma nā vaegāmea (fractions)

## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o te Year 7...

ka mafai ke galue ia āgai ki te tuhituhi i te curriculum 4.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuhituhi mo ni itūkāiga tino faitau ma ni māfuaga (purposes) e fakaaogā ai ni fakatinoga (structures) e talafeagai, manino ma fetau (logical)
- peleni fakalelei ana gāluega (projects) tuhituhi e fakaaogā ai ni itūkāiga peleni (strategies) kehekehe
- fakaaogā nā palakalafa e hokohoko ai nā manatu tāua (main ideas) ma nā fakamatalaga lagolago (supporting details), i loto ma i te vā o nā palakalafa
- tuhituhi ni fuaikupu e hako i te kalama e fakaaogā ai ni vāega (features) o te gagana ma ni mānava (punctuations) e fefeu (complex), e.g. rhetorical questions, metaphors, semicolons
- fakaaogā nā kupu e hipela hako, e fakaaogā ai ni peleni kehekehe, e.g. te iloa fakaleo nā mataituhi (letter-sound knowledge), nā tūlāfono (rules) o te hipelaga o nā kupu ma nā faiga māhāni ai, te uiga ma te hipelaga o nā word parts ma nā word origins, fakataga (patterns) o nā kupu
- fakaali atu e ia ma toe iloiloa ma hiakia (edit) ma proof-read nā mea a ia e tuhituhi.

### Kikilaga patino ki te nūmela

I loto o te Year 7, ko te 40–60 pahene o nā taimi e akoako ai te nūmela (mathematics) ka fakapatino lava ki te akoakogia i te nūmela.

- hukehuke ma fakamāonia nā tūlāfono tau nūmela (mathematical rules) ke kikila pe hako i taimi uma
- fālite ni tables, graphs ma ni tūlāfono (rules) mo te toe fai o nā fakataga (repeating patterns)
- fakavahega nā 2-dimensional ma nā 3-dimensional shapes ma fakatalanoa nā mea e tutuha ai ma nā mea e kehekehe ai
- fua te taimi ma nā mea e fakaaogā ai nā fua mahani (standard measures)
- iloa e ia nā perimeters, areas ma nā volumes o nā fakatātiaga (shapes)
- ia iloa ma fakamatala pe vāhea ona fakagaioi nā mea i loto o ni fakataga (patterns)
- fakaaogā nā grid references, fua faigōfie, ma nā mata o te komepaha ke fakamatala ai te mea e iei ai ho he koga e fofou ki ei
- hukehuke, fakavahega ma fakakitea nā fakamatalaga i ni auala kehekehe ma matea nā fakataga (patterns) ma nā hūiga i nā fakamatalaga (information)
- hākilikili te probabability e ala i ni hukehukega (experiments) ma fakatuhātuha nā ikuga moni ma nā ikuga e fakamoemoe ke maua.



Ko koulua nā mātua, te kāiga ma nofonofoga a tagata, e i ei te avanoa (part) lahi ke lagolago ai e koutou ia akoakoga a nā tamaiti i te ākoga, i aho uma, e fatufatu ki luga mai nā mea kua uma te ki lātou iloa mai te ākoga.

## I TE FALE

### Faitau

- Lea ki au tamaiti ke kave koe ki te faletuhi i te koga e iei koutou. Hākilikili fakatahi e koutou ia loto o te faletuhi ma taumafai ke fai ni taimi mahani ke olo fakatahi ai koutou ke fehuiaki ma toe fakafoki nā tuhi faitau.
- Lea ki au tamaiti ke talanoa atu e uiga ki ni vāega o nā tala e fiafia ki lātou ki ei ma pe aiheā. Talanoa ki ei e uiga ki nā mea kua fakamāonia (facts), characters, plot, setting, matākupu kautū (theme) ma te māfuaga na tuhi ai e te tuhitala. Toe fai nā tala (fāgogo) na iloa e koe ka koi tamaiti ai koe.

Ke kavea koe ma fakatakitakiga. Ke ki lātou iloa ko koe e faitau mo te lahi o māfuaga, e.g. ke iloa nā ata tīfaga ke matamata ki ei, fakatuhatuha nā koloa e fakahalalau i nā brochures, ke iloa nā current issues, hakili nā taimi o nā paahi (bus timetable), pe ke fakamapu te tino ma te māfaufau (relax). Taumafai faitau nā tuhi e faitau e tau tamaiti kae ke mafai oi talanoa fakatahi koulua ki ei.

### Tuhituhi

- Tāfafao i nā pelē ma nā board games faigatā.
- Ke kavea koe ko he tino e faitau ki ei (audience) e positive mo au tamaiti. Ke muamua pea oi tali atu (respond) i taimi uma ki he taumafaiga (effort) i tua mai o te fekau ma te uiga o te fekau (e tuha lava pe tuhi vēhea te fekau) ma mulimuli ki te fakatinoga (presentation). Ke manatua pea nā mea e akoako e au tamaiti i te taimi nei, ma fai ni ō manatu e uiga ki te mea lava tēnei.
- Ko te fakaaogā o he computer e lelei pe kāfai au tamaiti e hē matuā fiafia ki te tuhituhi, auā e hē toe tau māfaufau ki lātou ki te fakatinoga (presentation) o a lātou gāluega ma hē manakomia ke toe tuhi kātoa kāfai e edit. E fehoahoani foki ki te hiakiga o te hipelaga.

Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e iei ai. Fakaaogā te gagana e hili te lelei mo koe ma tau fānau.

### Nūmela (Mathematics)

- Tāfafao fakatahi ma au tamaiti i ni tāfaoga i fafo pe i lotofale – frisbees, touch rugby, kilikiti, soccer, fakatāvale polo, piliaki ma te darts.
- Talanoa ma au tamaiti e uiga ki nā koloa pakū i te town – 25% pakū, 30%, 10%, āfa te tau. Kikila ki te mea e aogā lahi ki ei te tupe (best value) ma fai fakatāfaoga te fuafuaga (calculation) o nā tupe hefe (save) i nā mea e fakatau e au tamaiti ma e fiafia ki ei – fuafua pe fia te mataloa e tatau ke fakaputu ai he tupe ke lava ke fakatau ai nā koloa iēnā.
- Vaevae fuafua (budget) nā pocket money ma peleni mamao ke tatala he tuhi tupe. Talanoa e uiga ki te tupe ola e maua ma hākilikili pe ko ai te faletupe e lelei atu te tupe e maua mai ai mai nā tupe teu.

Faitala ki te faiākoga o au tamaiti ke iloa e koe pe ni ā ta ki lātou e akoako e uiga ki te nūmela (mathematics) ma pe ni ā ta ki lātou e akoako i nā homework a ki lātou e fai.

Fakamālohi ki au tamaiti ke fakalogo ma fakaaogā ni kupu e lagona ai te fiafia. Ko te mafai oi fakaaogā ni itūkāiga kupu kehekehe ka fehoahoani ki au tamaiti ki te fatufatuga o ni tala e gāholoholo lava e faigatā ke māmamalama ki ei (complex).

### E fia kē iloa ni iētahi mea?

Mo ni iētahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiākoga.

## Faitau

### READING STANDARD

### Kāfai e lakafia e tau tamaiti te Reading Standard i te uma o te Year 8...

ka mafai ke faitau i te curriculum level 4.

Ko tau tamaiti ka ia mafaia oi hakili, māfaufau ki ei ma tuku fakatahi nā fakamatalaga ma nā manatu (ideas) i loto ma e aofia ai ni tuhi faitau e lahi, tala ma ni tuhihuhiga (articles). Ka koi fai e tau tamaiti te mea tēnei, ka ia mafaia oi māfaufau ki ni ana lava fehili ma mafai ke ia talia nā fehili e aofia ai nā vāega uma o te kalikulama.

**Ke mafia e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- faitau nā tuhi faitau:
  - e i ei nā ata, ata puke, puha, ata tuhi, fāfanua, charts ma nā graphs e fakatatau ki nā mea i loto o te tala
  - e manakomia ai ni fakamālamalama, e vā ko nā plots e tamā faigatā, matākupu kautū maua (high-level (teenage) themes) ma nā abstract ideas
- filifili nā hikili e hako ma nā technologies (e.g. te internet) ke hakili ma fakaaogā ni itūkāiga tala mo ni fakamoemoe fakapatino e aofia ai te curriculum kātoa, e.g. te faitau ke maua ni fakamatalaga i te haienihi pe ni matākupu kautū (topic) i te social studies
- fakaaogā nā peleni (strategies) kua haga fakapoopo pea, ke fehoahoani kia te ia kāfai kua hē mālamalama i he mea e ia faitaua
- iloa te uiga o nā kupu faigatā e ala i te ia fakaaogāgia o ni hikili kehekehe.

## Nūmela (Mathematics)

### MATHEMATICS STANDARD

### Kāfai e lakafia e tau tamaiti te Mathematics Standard i te uma o te Year 8...

ka galue ia i te kāmataga o te curriculum level 4 e fakaaogā ki ei tona mālamalama i nā nūmela, algebra, geometry, measurement ma te statistics.

Ka iloa e tau tamaiti oi fakaaogā nā peleni fātele (multiplication strategies) ke tuku tonu (solve) ai nā fakafehili (problems) e fuafua gatā (complex) ma fakaaogā ai nā vāegāmea (fractions) tehimale (decimals) ma nā pahene. Ka mafai e ia oi fakamatala nā auala kehekehe e tuku tonu ai nā fakafehili. Ka iloa e tau tamaiti ni peleni tau te māfaufau kehekehe ke fehoahoani ki a te ia ki te hukehukega o te nūmela (mathematics).

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuku tonu nā fakafehili tau ki nā tehimale ma nā nūmela kātoa (integers) e fakaaogā ai te fakapoopo ma te tōkehe
- fakaaogā ni faiga tau fātele kehekehe ke tuku tonu (solve) ai nā fakafehili (problems) e uiga ki nā nūmela kātoa ma nā vāegāmea (fractions)
- fai ma fakaaogā nā tables, graphs ma nā tūlāfono ke kitea ai nā hokotaga o te laina hako ma te laina hē hako (linear and non-linear relationships)

## Tuhituhi

### WRITING STANDARD

### Kāfai e lakafia e tau tamaiti te Writing Standard i te uma o te Year 8...

ka mafai ke galue ia āgai ki te tuhituhi i te curriculum level 4.

**Ke mafai e tau tamaiti oi lakafia te standard, ka akoakogia ia ke:**

- tuhituhi e ia lava, filifili te gagana e fakaaogā ma te fakatinoga (structure) e manino, fetau ma talafeagai mo te māfuaaga o te tuhihuhiga
- fakaaogā nā fakamatalaga e ia maua e ala i ana mea e faitau, ke tuhi ai i ana ia lava kupu e uiga ki he matākupu kautū (topic or theme)
- tuhi ni tala e manino, pukupuku ma fetau ma te curriculum task – e lahi lava e aofia ai nā fakamatalaga pe ni manatu fakaali (comments) e lagolago ai pe fakamālamalama ai nā manatu kautū (main points)
- fai ni palakalafa e i ei nā manatu (ideas) e manino te hokotaga ma te hokohokoga ki iētahi palakalafa
- fakaaogā nā fuaikupu faigatā ma e hako i te kalama
- fakaaogā hako nā mānava (punctuation) e matea gōfie ma taumafai ke fakaaogā nā mānava faigatā, e.g. semicolons, colons, nā puipui (brackets)
- fakaaogā nā kupu ma nā fakakupuga (phrases) e fetau ma te matākupu kautū, nā tino fakalogologo (audience), te uiga ma te māfuaaga
- mālamalama ko ia e tuhituhi mo ni māfuaaga kehekehe ma e ia iloa oi fai te mea tēnei.

### Kikilaga patino ki te nūmela

I loto o te Year 8, ko te 40–60 pahene o nā taimi e akoako ai te nūmela (mathematics) ka fakapatino lava ki te akoakoga i te nūmela.

- fua nā mea ma fai ni fehuiakiga (conversions) i te va o nā units of measurement
- iloa e ia nā perimeters ma nā areas o nā rectangles, parallelograms, tafatolu ma nā volumes o nā cuboids (talaono)
- hākilikili te transformation ma fakatalanoa pe vāhea ona hui nā fakatātiaga (shapes) ma nā fakaataga (patterns) kāfai e uma te transformation
- fakamatala nā mea e iei ai (locations) ma fakatonutonu te mea e fano ki ei (direction) e ala i te fakaaogā o nā fua (scales), bearings ma nā co-ordinates
- fakaputu ma fakaaogā nā data e maua mai ai he vāega o fakamatalaga (e.g. matua, ma te fuafua)
- fakavahega nā data ma fakakitea (display) i ni auala kehekehe ma talanoa e uiga ki nā fakaataga (patterns) ma te tūlaga fano ki mea (trends)
- fakaaogā nā vāegāmea (fractions) ke fakatalanoa ai te tūlaga e ono pa ki ei nā ikuga (outcomes) e pa ki ei ona ko he avanoa (involving chance).

I TE FALE

Faitau

- ✿ Fehoahoani ki au tamaiti ke fai ni a lätou CD/DVD o nā tala e fiafia lahi ki lätou ki ei, muhika, tala fakatino pupuku (short plays) pe ni sketches faimea mälie.
- ✿ Kaumai ni tuhi faitau mai te faletuhi e i loto ai nā fakatonuga pe vĕhea oi peleni ma fai ni meakai, meaalofa pe ni mea takalo mo nā aho fānau o te kǎiga pe ko te Killihimahi. Galue ma mulimuli ki nā fakatonuga.
- ✿ Fakatahi ma nā tino o te kǎiga, filifili nā tuhi faitau, magazines, komi, nuhipepa ma iĕtahi fakamatalaga e mafai ke maua e tagata uma o tō kǎiga ke faitau ki nā mataĕupu kautū e fiafia ki ei au tamaiti – e.g. skateboarding, fakaheheke, fashion.

Ke kavea koe ma fakatakitakiga. Ke ki lätou iloa ko koe e fiafia oi faitau i tau gagana muamua pe i te Igilihi. Pe ko he ā lava ta koe e faitau, pe he nuhipepa, te Tuhi Paia, he magazine, he komi, he tuhi kuka pe he tuhi faitau loa (novel), ka fai ma fakatakitakiga lelei ki au tamaiti.

Ko te talanoa ma au tamaiti e lelei mo te akoakoga i ho he matua e lei ai. Fakaaogā te gagana e hili te lelei mo koe ma tau fānau.

Tuhituhi

- ✿ Fehoahoani ki au tamaiti ke tuhi ni tuhi (letters), postcards pe ni emails ki nā grandparents, uncles ma nā aunts i atunuku i fafo.
- ✿ Fehoahoani ki au tamaiti ki te tuhiga o he ata (design) o he poster mo he mea fakapitoa i te lotu pe i te komiuniti e.g. Aho Hā o Tamaiti, Mothers Day, Fathers Day, Tipiga o he Ulu, Uluai Komunio. Pe tuhi he vākai (newsletter)/ e-newsletter e fakahalalau ki nā tino o te kǎiga i atunuku i fafo pe e nonofo i hĕtahi kakai.
- ✿ Puke ni ata e fakaaogā ai he digital camera ma fai fakatahi he tuhi ata (picture book) mo nā tamā tamaiti e fakaaogā ai nā ata puke.

Talanoa e uiga ki nā mea e tuhituhi e au tamaiti. Ke kitea ko koe e fiafia ki ei. Fakaaogā e vĕ he auala ke kāmata ai ni talanoaga. Fakalogo ki o lätou manatu, e tuha lava pe hĕ kau koe ki ei.

Nūmela (Mathematics)

- ✿ Fehoahoani ki au tamaiti oi hakili ma hokohoko nā nūmela i loto o te fale e.g. faitau te meter maila o te tāvale (odometer) ke kitea pe fia ia kilomita e fakaaogā e te tāvale i he tane (tank) penihini e fokotahi ma pe fia te tau e fakatumu ai, pe fuafua pe fia te tau o te kilomita e fokotahi.
- ✿ Lea ki au tamaiti ke talanoa e uiga ki nā hini (goals) ma peleni mamao mo ni mea mo ki lätou pe ko iĕtahi tino. Fakatakitakiga, hakili pe fia te tau e malaga ai ki he motu o te Pahefika i te Killihimahi ma pe fia te tupe e tatau ke fakaputu e te kǎiga i te mähina mo te malaga.
- ✿ Tāfafao i nā pelĕ ma nā tāfaoga laupapa (board games) ma fai fakatahi na number puzzles.

Faitala ki au tamaiti e uiga ki nā koloa pakū i te town – 15% pakū, 33% pakū, 20% pakū, āfa te tau. Kikila fakatahi mo te mea e aogā lahi ki ei te tupe. E fia te tau o he mea kāfai e kave kehe te discount? E hili nei te fakatau o ni mea e lua ma maua fua ai tĕtahi mea pe kave kehe he 25% i te tau o nā mea?

E fia kĕ iloa ni iĕtahi mea?

Mo ni iĕtahi fakamatalaga ma he takiala e uiga ki te akoakoga o tau tamaiti ma te ikuga manuia, e mafai ke faitala koe ki tona faiäkoga.

## What is the content of this booklet?

This booklet is a condensed version of the Supporting Your Child's Learning series of 9 fold-out sheets available in English.

The first two pages outline how parents, families and whānau can support their children's early learning – from birth until they start school. There is content about reading, writing, mathematics, learning in early childhood education services and learning at school.

There are then two pages for each year level (1–8) – the first explains what children will be able to do if they are meeting the National Standards in reading, writing and mathematics for that year level; the second gives practical, every day, fun tips and ideas for how parents, families and whānau can support their child's learning at home.

## How can I use this booklet with parents, families and whānau?

Like the fold-out sheets, this booklet can be used in discussions with parents, families, whānau and students and can be taken home as reference material. Your conversations with parents whose first language is not English could include the following messages:

- Recognising and celebrating the 'whole' child, including their identity, language and culture is important in children's learning.
- Using the family's first language at home also supports children's reading, writing and oral language learning.
- Children can learn in two languages.
- It is easier for children to learn two languages when they are younger than when they are older.
- If their child is a new learner of English, the school may decide it would be fairer to report to them using The English Language Learning Progressions for the first two or three years. The Progressions describe reading, writing, and the speaking and listening expectations for children who are new learners of English. They also help their child's teacher to provide an appropriate teaching and learning programme to help their child make fast progress in these areas. As their child's achievement in reading and writing gets closer to their peers, the school will report progress in reading and writing in relation to the National Standards. Schools will use the Mathematics Standards to report on their child's maths progress and achievement.

## How can I access different language versions?

More copies of the translated booklets can be ordered on-line from Down the Back of the Chair at [www.thechair.minedu.govt.nz](http://www.thechair.minedu.govt.nz) or by email [orders@thechair.minedu.govt.nz](mailto:orders@thechair.minedu.govt.nz). Each language has a unique order number that must be quoted: Arabic (order number 2010AR), Chinese (2010CH), Cook Islands Māori (2010CM), Dari (2010DR), Hindi (2010HD), Korean (2010KR), vagahau Niue (2010NU), gagana Sāmoa (2010SM), Somali (2010SL), Tagalog (2010TG), Te reo Māori (2010TM), Thai (2010TH), gagana Tokelau (2010TK), Tongan (2010TN).

Copies of the English series of fold-out sheets can also be ordered from Down the Back of the Chair. Item numbers are: Early Learning (2010EL), Year 1 (2010Y1), Year 2 (2010Y2), Year 3 (2010Y3), Year 4 (2010Y4), Year 5 (2010Y5), Year 6 (2010Y6), Year 7 (2010Y7), Year 8 (2010Y8), Years 1–8 set (2010ST).

**The content can also be accessed or downloaded at:**  
[www.minedu.govt.nz/ParentsSupportingYourChild](http://www.minedu.govt.nz/ParentsSupportingYourChild)