

Mahere Aromatawai

Pāngarau 32412 TAPā 1

Putanga Ako	Te whakamahi pāngarau hei whakaoti rapanga o te ao o te ākonga	
Ngā Paearu Mahi		
1.1 Te whakakaupapa i ngā pūāhua ki ngā tikanga pāngarau.	1.2 Te whakamahi i ngā tikanga pāngarau e tika ana ki ngā pūāhua.	1.3 Te whakamāori i te whaitake o ngā urupare pāngarau ki ngā pūāhua.

Tūmahi		Ngā Taunakitanga Ngā whakautu/urupare	Ngā Paearu Mahi		
			1.1	1.2	1.3
1. Te Hui ā-Tau (5)	1a	\$916.00	❖		
	1e	$\$916 - 15\% / 1.5 = \778.60 $\$916 \times 15\% / 1.5 = \137.40 $\$916 - \$137.40 = \$778.60$		❖	
	1h	$2 \times \$145.00 = \290 (pakeke x2) $\$494.00 - \$290 = \$204.00$ (ngā tamariki e 2)		❖	
	1i	$345 \text{ km} / 64 \text{ (km/h)} = 5 \text{ haora}$	❖		
	1k	13:15	❖		

2. He rā whakanui i te whānau (6)	2a	Hei te 10.50 i te ata 10.50-11.40 rānei		❖	
	2e	E 15 meneti	❖		
	2h	TAPA A = 38m - 25 m = 13m TAPA E = 42m -16m = 26m			❖
	2i	1. Horahanga: i. 42m x 38m = 1,596m ² ii. 26m x 13m = 338m ² ∴ Horahanga = 1,596m ² - 338m ² = 1,258m² 2. Horahanga: i. Horahanga A = 38m x 16m = 608m ² ii. Horahanga B = 25m x 26m = 650m ² ∴ Horahanga o te whare = 608m ² + 650m ² = 1,258m² rānei		❖	
	2k	25m x 12m = 300m ²		❖	
3. Te whakarite kai (8)	3a	\$5,500.00	❖		
	3e	\$4,125.00		❖	
	3h	2 x 110 = \$220.00 \$220 x 5 = \$1,100		❖	
	3i	110/ 10 = 11	❖		

	3k	$3 \times 125 = 375$ karamu = 1 te parāoa takakau $6 \times 375 = 2,250$ karamu = e 6 ngā parāoa takakau 2.25 manokaramu, 2250 karamu rānei		❖	
	3i	$110 / 10 = 11$	❖		
	3k	$3 \times 125 = 375$ karamu = 1 te parāoa takakau $6 \times 375 = 2,250$ karamu = e 6 ngā parāoa takakau 2.25 manokaramu, 2250 karamu rānei		❖	
	3m	$250\text{rm} + (\frac{1}{2} \times 250\text{rm}) = 250 + 125 = 375$ ritamano			❖
	3n	Purūpere: $60/250$ or $6/25$ 0.24 24% Rāhipere: $90/250$ or $9/25$ 0.36 36% Panana: $100/250$ or $10/25$ 0.4 40%		❖	
	3o	• E whakaae ana • e whakaatu ana te kauwhata he ōrite te maha o ngā panikeke panana me ngā panikeke rāhipere i kai i ngā paramanawa katoa • Ki te tatau i ngā panikeke i te kauwhata ka kitea he ōrite te maha o ngā panikeke e 2 i kai, arā, 580. • Kāre e kore he whakaaro anō			❖
4. Ngā kākahu (5)	4.a	Te nekehanga	❖		
	4.e	Taurahi - 5	❖		
	4.h	TAPA I = $7\text{mr (cm)} \times 5$ = 35mr (cm)		❖	

		TAPA 0 = 8.6 mr (cm) x5 = 43mr (cm)			
	4i	15 mitarau	❖		
	4k	35 cm/2.5 cm = 14 x 30 (aho) = 420 ngā aho x Aho = 35 cm. Kimihia x mēnā 30 Aho = 2.5 cm 1 Aho = 2.5/30 = 2.5÷30 = 0.0833333hm x Whenu = 35hm ÷ 0.083hm = 420 ∴ E 420 ngā aho o te tatua.			❖
	4m	$\frac{3}{4}$ m x 20 = 15m 0.75m x 20= 15m rānei		❖	
5. Te Kohi Pūtea (5)	5a	Te Hoko (atu) Tīhate hei Kohi Pūtea (-mō te Hui ā-Tau) He whakaaro anō			❖
	5e	Tuaka Pae - Te Pūtea (ka kohia) Tuaka Pou - Ngā Tīhate (i hokona atu)	❖		
	5h	\$600.00			❖
	5i	\$86. 99 / \$86.994 / \$87		❖	
	5k	Ka piki ka heke te rahi o te pūtea i ētahi wiki Kāre i te pūmau te rōnaki o te rārangi Ka pūmau te rōnaki o te rārangi katahi ka piki ka heke.			❖

		I te wiki 6 i tino heke, ā, he iti noa iho te pūtea i penapena mō ngā wiki e 3 katahi ka tino piki Kāore e kore he nui ake ngā kōrero.			
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Ngā whenu pāngarau kua tutukihia
Me whakaatu māramatanga ngā ākonga ki ngā ngohe aromatawai e whai wāhi mai ana i te putanga ako me ngā whenu: • Te Tau me Te Taurangi: Te mātauranga tau, ngā rautaki tau, te tauira me te pānga. • Te Ine me Te Āhuahanga: Te ine, te hanga, te wāhi me te ahunga, te panoni • Te Tauanga: Te tuhurutanga tauanga, te tūponotanga

TŪMAHI	TAU	TAURANGI	INE	ĀHUAHANGA	TAUANGA
1	❖		❖		
2	❖		❖	❖	
3	❖		❖		❖
4	❖	❖	❖	❖	❖
5	❖	❖			❖

He tātari i ngā paearu mahi, ngā whenu, me ngā pātai

	TAU	TAURANGI	INE	ĀHUAHANGA	TAUANGA
Paearu Mahi 1.1 Te whakakaupapa i ngā pūāhua ki ngā tikanga pāngarau.	1 1 3 3	5 4	1 2	4 4	5
Paearu Mahi 1.2 Te whakamahi i ngā tikanga pāngarau e tika ana ki ngā pūāhua.	1 5	4 4	1 2 2	4	4 4
Paearu Mahi 1.3 Te whakamāori i te whaitake o ngā urupare pāngarau ki ngā pūāhua.	3 2	4 4	2 3	2 2	3 5
	Pātai 1-3, 5	Pātai 4 & 5	Pātai 1-3	Pātai 2 & 4	Pātai 3-5

* Pātai 2n: āhuahanga & tauz