



āheinga reo	<i>language function</i>	rautaki	<i>strategy</i>
ahurea	<i>culture</i>	rāwekeweke	<i>manipulate</i>
āputa	<i>gap; space between</i>	reo ā-puta	<i>productive language</i>
arohaehae	<i>critique</i>	reo ā-tinana	<i>body language</i>
ā-tā (reo tā)	<i>language in a visual form</i>	takahuri	<i>amend, alter, change</i>
ā-tinana (reo o te tinana)	<i>paralinguistics; body language</i>	takenga	<i>origin</i>
auaha	<i>creative</i>	tapepe	<i>falter</i>
auau te puta	<i>high frequency</i>	tātaki	<i>spell</i>
ā-waha (reo ā-waha)	<i>oral language</i>	taunaki (-tanga)	<i>evidence</i>
hapa	<i>mistake; a slip</i>	taupatupatu	<i>debate</i>
hīkaro	<i>infer</i>	tautohetohe	<i>argue a point</i>
horopaki	<i>context</i>	tautohu	<i>identify</i>
kare ā-roto	<i>feeling; emotion</i>	tikanga peha	<i>narrative conventions</i>
kīanga	<i>phrase</i>	tinihanga	<i>joking around; teasing</i>
kōrero whakanene	<i>joke</i>	tiri	<i>share</i>
kōtui	<i>combine</i>	tohu tuhituhi	<i>punctuation</i>
kounga	<i>quality</i>	torotoro	<i>explore</i>
kōwae	<i>paragraph</i>	tūāpapa	<i>foundation; basis</i>
kupu āhua	<i>adjective</i>	tuhinga ataata	<i>visual language</i>
kupu honohono	<i>conjunction</i>	wahangū	<i>silent</i>
kupu taurite	<i>synonym</i>	waia haere	<i>become more familiar with</i>
mātanga	<i>clear</i>	wetewete	<i>analyse</i>
matapaki	<i>discuss</i>	whaiaro	<i>personal</i>
matawhawhati	<i>unexpected</i>	whakahiato	<i>collate; synthesize</i>
motumotu	<i>disjointed</i>	whakahihi	<i>excite</i>
ōkawa	<i>formal</i>	whakaniko	<i>embellish; enhance</i>
ōpaki	<i>informal</i>	whakarāpopoto	<i>summarise</i>
paparua	<i>repeat</i>	whakawā	<i>make a judgement or decision</i>
peha	<i>narrative</i>	wheako	<i>experience (noun)</i>
puna reo	<i>language knowledge</i>	wheako reo	<i>language experience</i>
pūrongo	<i>report</i>		
rapirapi	<i>scribble; scratch</i>		



ahu-2	<i>2-dimensional</i>	pānga rārangi	<i>linear relationship</i>	rauara	<i>network</i>
ahu-3	<i>3-dimensional</i>	pānga rārangi hāngai	<i>direct linear relationship</i>	raumata	<i>net (of a solid shape)</i>
āhuatanga pūmau	<i>invariant property</i>	pānga rārangi kōaro	<i>inverse linear relationship</i>	raupapa tatauranga	<i>counting sequence</i>
aro whānui	<i>standard (e.g. unit of measurement)</i>	pānga rārangi-kore	<i>non-linear function</i>	rautaki āhuahanga	<i>geometrical strategy</i>
arohaehae	<i>critique</i>	pānga rōnaki	<i>gradient function</i>	rautaki pānga riterite	<i>proportional strategy</i>
aronga kē	<i>non-standard (e.g. unit of measurement)</i>	pānga taupū	<i>exponential function</i>	rautaki tāpiripiri	<i>additive strategy</i>
aruarunga	<i>discontinuity</i>	panoni	<i>transformation</i>	rautaki tatau	<i>counting strategy</i>
auahatanga	<i>creativity</i>	papa taunga	<i>coordinate plain</i>	rautaki taurangi	<i>algebraic strategy</i>
hau-tahi	<i>unit fraction</i>	papa-maha	<i>multi-level</i>	rautaki tohatoha ōrite	<i>equal sharing strategy</i>
hīkaro	<i>inference</i>	papa-tahi	<i>single-level</i>	rautaki wāwāhi tau tāpiripiri	<i>additive partitioning strategy</i>
hoahoa rākau	<i>tree diagram</i>	pāpātanga o te whiti	<i>rate of change</i>	rautaki whakarea	<i>multiplicative strategy</i>
huānga	<i>element (member of a set)</i>	pāpātanga whakaputu	<i>compound rate</i>	rautaki whakarōpū	<i>grouping strategy</i>
huanui	<i>locus</i>	pāpono paheko	<i>combined event</i>	rāwekeweke	<i>manipulate (an equation)</i>
huinga raraunga	<i>data set</i>	pāpono wehe kē	<i>independent event</i>	rima me ngā tauhono	<i>groupings with five</i>
ia	<i>trend</i>	pāpono whakawhirinaki	<i>conditional event</i>	rōnaki	<i>gradient, slope</i>
ine hononga taurangi rārangi	<i>linear regression</i>	parahau	<i>justify</i>	takirua raupapa	<i>ordered pair</i>
ine mahora	<i>standard deviation</i>	pārōnaki	<i>differentiation</i>	tāpaetanga kōrero	<i>assertion</i>
kīanga taurangi	<i>algebraic expression</i>	pārōnaki kōaro	<i>anti-differentiation</i>	tapeke raupapa tāpiri	<i>arithmetic series</i>
marohi rāroto	<i>interpolation</i>	pārongo tauanga	<i>statistical information</i>	tapeke raupapa whakarea	<i>geometric series</i>
marohi rāwaho	<i>extrapolation</i>	pāwhaitua	<i>integration</i>	tātaritanga raraunga torotoro	<i>exploratory data analysis</i>
mātāoroko	<i>object (before transformation)</i>	pūāhua	<i>situation</i>	tau hiato	<i>complex number</i>
matapae	<i>predict</i>	pūnaha ngahuru	<i>metric system</i>	tau toitū	<i>prime number</i>
matatika	<i>ethics</i>	pūrau	<i>polynomial</i>	tau tōpū	<i>integer</i>
mātātuhi	<i>image (of an object following transformation)</i>	putanga	<i>outcome</i>	tauhono o te tekau	<i>additive groupings within ten</i>
motunga koeko	<i>conic section</i>	rahinga	<i>quantity</i>	tauirā raupapa	<i>sequential pattern</i>
ōwehenga pākoki	<i>trigonometric ratio</i>	rārangi pūtahi	<i>intersecting lines</i>	tauirā tāruarua	<i>repeating pattern</i>
pae hapa	<i>margins of error</i>	rārangi whakarara	<i>parallel lines</i>	tauirā taupū kōaro	<i>log modelling</i>
pānga huri kōaro	<i>reciprocal function</i>	raraunga houanga	<i>time series data</i>	taupori	<i>population</i>
pānga kōaro	<i>inverse function</i>	raraunga matarua	<i>bi-variate data</i>	taupū	<i>exponent</i>
pānga pākoki	<i>trigonometric function</i>	raraunga motumotu	<i>discrete data</i>	taurangi	<i>variable, algebra</i>
pānga pūrua	<i>quadratic function</i>	raraunga whakarōpū matatini	<i>category data</i>	taurangi motumotu matapōkere	<i>discrete random variable</i>
			<i>multi-variate category data</i>		

PĀNGARAU

KUPU TAKA

taurangitanga	<i>variation</i>
taurea	<i>multiple</i>
tauwehe	<i>factor</i>
tawhā	<i>parameter</i>
tekau me ngā tauhono	<i>groupings with ten</i>
tepe (o te tika)	<i>limit (of accuracy)</i>
tikanga āhuahanga taunga	<i>co-ordinate geometry</i>
tikanga rorohiko mō te kauwhata rārangi	<i>linear programming technique</i>
tikanga whakanoho rārangi kōpiko	<i>curve fitting technique</i>
tīpako	<i>sample, select</i>
tīpako matapōkere	<i>random sample</i>
tirohanga	<i>perspective</i>
tōrite rārangi	<i>linear inequation</i>
tuanaki	<i>calculus</i>
tuari hangarite	<i>normal distribution</i>
tuari huarua	<i>binomial distribution</i>
tuari raraunga	<i>data distribution</i>
tuari tātai	<i>theoretical distribution</i>
tuari whakamātau	<i>experimental distribution</i>
tūhuratanga tauanga	<i>statistical investigation</i>
tukanga kohikohi raraunga	<i>data collection method</i>
tukanga whai tīpako	<i>sampling method</i>
tukutuku	<i>grid</i>
ture aho	<i>sine rule</i>
ture whenu	<i>cosine rule</i>

tūtohi ararua	<i>two-way table</i>
wāwāhi	<i>partition</i>
wēanga	<i>measure of central tendency</i>
wehe kētanga	<i>independence</i>
wehewehe raraunga	<i>sort data</i>
whaihanga	<i>simulation</i>
whaitakenga	<i>reasonableness</i>
whaitua taupono	<i>confidence interval</i>
whakaahuahanga	<i>representation</i>
whakaari raraunga	<i>data display</i>
whakaaro arohaehae	<i>critical thinking</i>
whakaaro arorau	<i>logical thinking</i>
whakaaro pānga riterite	<i>proportional reasoning</i>
whakaaro whaitake	<i>deductive thinking</i>
whakaawhiwhi	<i>round (a number)</i>
whārite pārōnaki	<i>differential equation</i>
whārite pūrau	<i>polynomial equation</i>
whārite rārangi	<i>linear equation</i>
whārite rārangi-kore	<i>non-linear equation</i>
whārite taupū	<i>exponential equation</i>
whārite taupū	<i>exponential equation</i>
whārite tukutahi	<i>simultaneous equation</i>
whārite whai taurangi	<i>algebraic equation</i>
whiriwhiringa raupapa	<i>permutation</i>
whiriwhiringa raupapa-kore	<i>combination</i>

āheinga koiri	<i>physical competence</i>	ratonga	<i>service</i>
akoranga koiri	<i>physical education</i>	raupapa koiri	<i>motor skill sequence</i>
arohaehae	<i>appraise; critique</i>	raupapa koiri āhua uaua	<i>complex motor skill sequence</i>
aupēhi	<i>peer pressure</i>	raupapa neke	<i>movement sequence</i>
haepapa	<i>responsible</i>	rawa	<i>natural resources</i>
haumaru(tanga)	<i>safe; safety</i>	taiohi	<i>teenager</i>
hihiri	<i>enthusiasm</i>	taiopenga	<i>festival</i>
kare ā-roto	<i>feeling; emotion</i>	takapau	<i>ceremonial mat</i>
kaupapa koiri	<i>physical activity programme</i>	torotoro	<i>explore</i>
kōhungahunga	<i>infant; toddler</i>	totoro	<i>stretch; extend</i>
kōtuitui	<i>integrate; synthesise</i>	tuakiri ā-iwi	<i>ethnic identity</i>
mahi koiri	<i>physical activity</i>	tuakiri ā-motu	<i>national identity</i>
mātāpono	<i>principle</i>	tuakiri whaiaro	<i>personal identity</i>
mātātaki	<i>challenge</i>	uara	<i>value</i>
matatika	<i>ethics; ethical</i>	waiaro	<i>attitude</i>
matatika pāpori	<i>social justice</i>	waihanga	<i>devise; create</i>
matawaenga	<i>dilemma</i>	whai wāhi atu	<i>experience; participate</i>
mōhiohio	<i>information</i>	whakaaroaro	<i>consider</i>
momo tākaro	<i>games</i>	whakaauaha	<i>creative</i>
motika	<i>rights</i>	whakaawe	<i>influence</i>
nekehanga	<i>movement</i>	whakahāngai	<i>adapt</i>
pāhekoheko(tanga)	<i>interaction; cooperative</i>	whakamahi	<i>use, apply</i>
pāpā	<i>influence, have an impact upon</i>	whakanikoniko	<i>embellish; enhance</i>
porihanga	<i>society</i>	whakarite	<i>plan</i>
pūhuruhurutanga	<i>puberty</i>	whakatairanga	<i>promote</i>
pūkenga koiri	<i>motor skill</i>	whakataurite	<i>compare and contrast</i>
pūkenga koiri whāiti	<i>fine motor skill</i>	whakataki	<i>manage</i>
pūkenga neke	<i>movement skills</i>	whakatakoto	<i>outline; propose</i>
pūmanawa	<i>natural talent; potential</i>	whakatinana	<i>implement</i>
pūnaha	<i>system</i>	whakatoihara	<i>discrimination; prejudice</i>
		whakawhena	<i>assert; be assertive</i>



āhuatanga ahurea	<i>cultural feature</i>	mōhiotanga	<i>knowledge</i>
āhuatanga tūturu	<i>natural feature</i>	mōmōhanga	<i>scarce</i>
ahurea	<i>culture</i>	mōrearea	<i>crisis</i>
ahurei	<i>unique</i>	motika	<i>right</i>
āinga	<i>force (e.g. historical)</i>	motika tangata	<i>human right</i>
āinga pāpori	<i>social force</i>	ngā take o te wā	<i>current events</i>
arotahi	<i>focus</i>	ngā tikanga o te wā	<i>trends over time</i>
auahatanga	<i>creativity</i>	ōhanga	<i>economics; economy</i>
aukati	<i>constraint</i>	ohaoha	<i>economic</i>
e whai tikanga ana ki ...	<i>having significance for ...</i>	oranga	<i>life</i>
haepapa	<i>responsible; responsibility</i>	otinga	<i>outcome; effect</i>
haere kōtui	<i>interrelated</i>	pāhekoheko	<i>interact</i>
hapori	<i>community</i>	pāhekohekotanga ahurea	<i>cultural interaction</i>
hinonga	<i>enterprise</i>	pakihi	<i>business</i>
hītori	<i>history</i>	pakirehua	<i>inquiry</i>
hononga	<i>relationship</i>	pakirehua pāpori	<i>social inquiry</i>
horopaki	<i>context</i>	pānga	<i>effect; relationship</i>
huringa o te wā	<i>over time</i>	panoni	<i>change</i>
kaiārahi	<i>leader</i>	papātanga	<i>impact</i>
kaiwhakanao	<i>producer</i>	pāpātanga	<i>rate</i>
kaiwhakapeto	<i>consumer</i>	pāpori	<i>social; socio-</i>
kitenga	<i>finding</i>	porihanga	<i>society</i>
kōrahi	<i>scale</i>	pūtahitanga	<i>institution</i>
kōwhiringa	<i>option; choice</i>	pūtake	<i>purpose</i>
mahinga ahurea	<i>cultural practice</i>	pūtaketanga	<i>cause</i>
mahinga ohaoha	<i>economic activity</i>	putanga iho	<i>outcome</i>
mānukanuka	<i>tension</i>	rāngai	<i>sector</i>
māramatanga	<i>understanding</i>	rawa	<i>resource</i>
mātātaki	<i>challenge</i>	ritenga	<i>rule</i>
matawhenua	<i>geography</i>	taiao ahurea	<i>cultural environment</i>
matea kikokiko	<i>physical need</i>	taiao tūturu	<i>natural environment</i>
matea ngākau	<i>emotional need</i>	take ohaoha	<i>economic issue</i>
matea pāpori	<i>social need</i>	take taiao	<i>environmental issue</i>
mōhiohio	<i>information; informed</i>		

TIKANGA Ā-IWI

KUPU TAKA

takitahi	<i>individual</i>
tāpua	<i>significant</i>
tauirā ahurea	<i>cultural pattern</i>
tauirā mokowā	<i>spatial pattern</i>
tauirā tuturu	<i>natural pattern</i>
taupuhipuhi	<i>interdependent</i>
tautohe(tia)	<i>contested</i>
tautohu	<i>identify</i>
te takanga o te wā	<i>over time</i>
tikanga tuku iho	<i>tradition</i>
tino pakeke	<i>complex</i>
tohatoha	<i>allocate</i>
tōkeke pāpori	<i>social justice</i>
torotoro	<i>explore; exploration</i>
tūāhua	<i>event</i>
tūāhua o mua	<i>past event</i>
tūāhua whakahirahira	<i>important event</i>
tuakiri	<i>identity</i>
tuakiri ā-motu = tuakiri ā-whenua	<i>national identity</i>
tūhura	<i>investigate</i>
tukanga	<i>process</i>
tukanga pāhekoheko	<i>interacting process</i>
tukatuka mōhiohio	<i>process information</i>
tuku ihotanga	<i>heritage</i>
tūranga	<i>role</i>
urupare	<i>respond; response</i>
urutau	<i>adapt</i>
waihanga	<i>shape</i>
whai tūranga	<i>acquire role</i>
whai wāhi (ki) ...	<i>participate; have opportunity</i>
whaiwāhitanga	<i>opportunity</i>
whakaahua	<i>describe</i>
whakaaro nui(tia)	<i>important</i>

whakaataata	<i>reflect</i>
whakaauaha	<i>create</i>
whakaawe(nga)	<i>influence; affect</i>
whakahou	<i>reform</i>
whakamāoritanga	<i>interpretation</i>
whakapono	<i>belief</i>
whakapono tōrangapū	<i>political ideology</i>
whakaputa tuakiri	<i>expressing identity</i>
whakatairanga	<i>promote</i>
whakatōtika	<i>intervene (correct)</i>
whakatutuki (matea tangata)	<i>meet (peoples' needs)</i>
whakauru	<i>engage</i>
whakawhiwhinga	<i>acquisition</i>
whanaketanga	<i>development</i>
whanonga tangata	<i>human behaviour</i>
whāomoomotanga	<i>sustainability</i>
whenua = motu	<i>country; nation</i>

āhuatanga toi	<i>art technique</i>	ūngeri	<i>rhythm</i>
ao māori	<i>natural environment</i>	whakaari	<i>drama</i>
ariā	<i>theory; idea</i>	whakaata	<i>reflect</i>
auaha	<i>creative</i>	whakaawe	<i>influence</i>
horopaki	<i>context</i>	whakahihi	<i>motivate</i>
huānga	<i>element (arts)</i>	whakakoi	<i>sharpen; improve</i>
huapai	<i>positive (outcome)</i>	whakamātau	<i>test; experiment</i>
kaitoi	<i>artist</i>	whakaniko	<i>enhance</i>
kounga	<i>quality</i>	whakarerekē	<i>alter</i>
kunenga	<i>evolution</i>	whakatangitangi	<i>musical instrument</i>
maioha	<i>appreciation</i>	whakauru	<i>insert; include</i>
mokowā	<i>space, spatial</i>	wheako	<i>experience</i>
mātāpuna	<i>source</i>		
matatau	<i>proficient</i>		
nanao	<i>use</i>		
ngā mahi a te rēhia	<i>performance arts; performing arts</i>		
oro	<i>sound</i>		
papanga	<i>materials</i>		
paparua	<i>copy; replicate</i>		
pohewatanga	<i>imagination</i>		
pūkenga	<i>skill</i>		
pūkenga puoro	<i>musicianship</i>		
puoro	<i>music; sound</i>		
rawa	<i>resource (materials)</i>		
raweke	<i>manipulate</i>		
taputapu	<i>tool, instrument</i>		
tātari	<i>analyse</i>		
tāwhai	<i>imitate</i>		
tito	<i>write; compose</i>		
titonga puoro	<i>instrumental composition</i>		
tohu	<i>symbol</i>		
tohu ōkawa	<i>formal notation (music)</i>		
toi ataata	<i>visual arts</i>		
tokonga whakaaro	<i>thinking (of a group)</i>		
tūhura	<i>explore</i>		





aho	<i>light</i>	kiato	<i>density</i>
āhua-matū	<i>state of matter</i>	kīrehe	<i>animal</i>
ahupūngao karihi	<i>nuclear physics</i>	kōhauhau	<i>atmosphere</i>
ānga	<i>momentum</i>	koiora	<i>biology</i>
ā-nuku	<i>geological</i>	konganuku	<i>metal</i>
ao tukupū	<i>universe</i>	korakora	<i>particle (chemical)</i>
aorangi	<i>planet</i>	korehāhā	<i>extinct</i>
ara iahiko	<i>electrical circuit</i>	kounga (kupu āhua)	<i>qualitative</i>
ārai	<i>insulate</i>	kukuwhatanga	<i>evolution</i>
āraitanga	<i>eclipse</i>	mānu	<i>float</i>
ā-rangi	<i>astronomical</i>	māori	<i>natural</i>
ariā korakora	<i>particle theory</i>	mātakinga	<i>observation</i>
ariā nukupapa	<i>tectonic plate theory</i>	mātātika	<i>ethics</i>
ātārangi	<i>shadow</i>	matū	<i>matter</i>
ā-Tāwhiri	<i>atmospheric</i>	māwhaiwhai kame	<i>food web</i>
autō	<i>magnet(ism)</i>	mehamehanga	<i>solubility</i>
autōhiko	<i>electromagnet(ism)</i>	momo	<i>species</i>
hā (o te oro)	<i>tone (of sound)</i>	moroiti	<i>micro-organism</i>
hakoko	<i>refract(ion)</i>	nekenga	<i>motion</i>
hangore	<i>flexible</i>	ngaru	<i>wave</i>
hauropi	<i>ecology, ecological</i>	ngota	<i>atom</i>
hiko	<i>electricity</i>	ngotangota	<i>particle (subatomic)</i>
hiko tū	<i>static electricity</i>	ōkiko	<i>physical (i.e. non-chemical)</i>
honohono katote	<i>ionic bonding</i>	ōpunga	<i>heat capacity</i>
honohono ngātahi	<i>covalent bonding</i>	oreore	<i>alive</i>
hononga mokowā	<i>spatial relationship</i>	oro	<i>sound</i>
hurihanga	<i>cycle</i>	orotahi	<i>note (of sound)</i>
hurihanga-ora	<i>life-cycle</i>	paemahana	<i>temperature</i>
ikarangi	<i>galaxy</i>	pana	<i>push</i>
iranga	<i>genetics</i>	panoni	<i>change</i>
kakano	<i>texture</i>	panoni pūmau	<i>permanent change</i>
kanorau koiora	<i>biodiversity</i>	panoni rangitahi	<i>temporary change</i>
katote	<i>ion</i>		
kauwhiti	<i>lever</i>		
kawe	<i>conduct</i>		
kawekawe	<i>chemical</i>		

pāpāhua	<i>base (vs. acid)</i>	taurite	<i>equilibrium</i>
pītau-ira	<i>DNA</i>	tauru	<i>pulley</i>
pōkākā	<i>heat</i>	tautake	<i>philosophy</i>
pūhui	<i>compound</i>	tipu	<i>plant</i>
pūhui konganuku	<i>metal compound</i>	tītohunga ā-rongo	<i>physical phenomenon</i>
puia	<i>volcano</i>	tō	<i>pull</i>
pūmau o te pūngao	<i>conservation of energy</i>	tō ā-papa	<i>gravity</i>
pūmotu	<i>element</i>	tōpana	<i>force</i>
puna ira	<i>gene pool</i>	toro ātea	<i>space exploration</i>
pūnaha	<i>system</i>	tuhi	<i>record</i>
pūnaha mātauranga	<i>knowledge system</i>	tukunga iho	<i>inheritance</i>
pūnaha tohu	<i>symbol system</i>	uara ā-hinengaro	<i>cognitive values</i>
pūnaha-hauropi	<i>ecosystem</i>	uara ā-wairua	<i>moral values</i>
pūngao	<i>energy</i>	urutapu	<i>pure</i>
pūngao moe	<i>potential energy</i>	wāhi noho	<i>habitat</i>
pūngao neke	<i>kinetic energy</i>	waikawa	<i>acid</i>
ranu(nga)	<i>mix(ture)</i>	waikura	<i>rust</i>
rāpoi ngota	<i>molecule</i>	waiwaro	<i>hydrocarbon</i>
raupapa kame	<i>food chain</i>	waku	<i>friction</i>
rauropi	<i>organism</i>	warokore	<i>inorganic (chemical)</i>
rere	<i>flight</i>	whai wāhi atu	<i>to experience</i>
rerekētanga ā-ira	<i>genetic variation</i>	whaiwaro	<i>organic (chemical)</i>
rongo	<i>odour</i>	whakaata	<i>reflect</i>
rū whenua	<i>earthquake</i>	whakamātau tika	<i>fair test</i>
tae	<i>colour</i>	whakaoti rapanga	<i>problem-solving</i>
tahu	<i>burn</i>	whakaputa uri	<i>reproduction</i>
tairongo	<i>sensory</i>	whakatauirā	<i>modelling</i>
Taka Pūmotu	<i>Periodic Table</i>	whakatinana ira	<i>gene expression</i>
tāpui wai	<i>water reserve</i>	whānau a Tama-nui-te-Rā	<i>solar system</i>
tatau (kupu āhua)	<i>quantitative</i>	whiringa māori	<i>natural selection</i>
tauhohe matū	<i>chemical reaction</i>		
tauira	<i>model; pattern</i>		
tauira horahora hauropi	<i>ecological distribution pattern</i>		
taupori	<i>population</i>		

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KUPU TAKA

arotake	<i>evaluate</i>	rawa ora	<i>living material</i>
arotautanga	<i>optimisation</i>	rerehua	<i>aesthetics</i>
auaha	<i>creative, innovative</i>	tāhiko	<i>electronics</i>
hangarau kai	<i>food technology</i>	tāhiko me te hangarau whakatina	<i>electronics and control technology</i>
hangarau koiora	<i>biotechnology</i>	taukumekume	<i>debate</i>
hangarau whakatina	<i>control technology</i>	tautohu	<i>identify</i>
hapori	<i>community</i>	tikanga haumaruru	<i>safety procedures</i>
hātepe	<i>process</i>	toitū	<i>lasting; sustainable</i>
hinengaro auaha	<i>ingenuity</i>	tōrangapū	<i>political, politics</i>
hiranga	<i>excellence, superior</i>	tūhura	<i>explore, investigate</i>
hoahoa	<i>design</i>	tukanga	<i>process</i>
huarahi wātea	<i>opportunity</i>	tuku mōhiohio	<i>information transfer</i>
kiritaki	<i>customer, client</i>	tauwhāiti	<i>specific</i>
kirihou	<i>plastic</i>	urupare	<i>feedback, response</i>
konganuku	<i>metal</i>	utauta	<i>equipment</i>
korehāhā	<i>extinct</i>	whaiaro	<i>personal</i>
kōwhiri	<i>select</i>	whaikiko	<i>purposeful</i>
kounga	<i>quality</i>	whai patanga	<i>purposeful, useful</i>
koiora	<i>biotechnology</i>	whakatairanga	<i>promote</i>
māia	<i>confidence</i>	whakataurite	<i>compare</i>
mauroanga	<i>durable</i>	whakaharatau hangarau	<i>technological practice</i>
matatika	<i>ethics</i>	whakahiato	<i>develop</i>
mātau	<i>know, understand</i>	whakawhanake	<i>develop</i>
matū	<i>materials</i>		
matū waihanga	<i>synthetic</i>		
ohaoha	<i>economics</i>		
pāpori	<i>social</i>		
pāpā	<i>impact</i>		
parahau	<i>justify</i>		
paturopi	<i>antibiotics</i>		
pūnaha	<i>system</i>		
pūhanga manawa	<i>mechanical</i>		
pūkenga whakahaere mahi	<i>project management skills</i>		
rauropi	<i>living organism</i>		
rautaki	<i>strategy</i>		
rawa	<i>resource, materials</i>		



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KUPU TAKA