



TE REO  
HIGH CONTRAST THEME



STUDENT LOGIN

TEACHER LOGIN

# PŪHORO STEM ACADEMY

*Navigation towards understanding the sciences  
and technological advances of the future*





TE REO  
HIGH CONTRAST THEME



TE REO  
YOUR SCHOOL EMAIL

TE REO  
YOUR PASSWORD

TE REO ~  
CREATE A TEACHER ACCOUNT

TE REO ~  
SUBMIT



# POUAKO ~ TEACHER DASHBOARD



TE REO  
MĀORI CULTURE



TE REO  
STEM RESOURCES



TE REO  
SAMPLE LESSON PLAN



AOTEAROA TE REO  
NZ CURRICULUM LINKS



TE REO  
TEACHER HELP FORUM

## Whare Pouako~ Teacher Home

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INSTRUCT A PLANNED LESSON

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EXPORT LESSON FOR OFFLINE USE

TE REO  
ALL PŪHORO ACTIVITIES

TE REO  
FAQ

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TE REO  
PREVIEW INSTRUCTION



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HIGH CONTRAST THEME





# POUAKO ~ TEACHER DASHBOARD



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Taura Nui Taura Roa Taura Kaha Taura Toa  
Cannon Activity (1/2 Day)

Te Āpiti o Okatia  
Water Pump & Water Filter Challenge

Te Reo  
Activity Name

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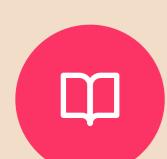


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## Te Reo Pouako~ Teacher Planning

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PLANNED DATE FOR LESSON

2020-01-01

Taura Nui Taura Roa Taura Kaha Taura Toa ~ (1/2 Ra)

Construct an Air Cannon ~ (1/2 Day)

To Do Step In Progress Step Completed

EXPAND ALL STEPS

**1.0 Te Reo ~ Overview and Introductory Video****2.0 Te Reo ~ About the Activity****3.0 Te Reo ~ Step One: Materials List****4.0 Te Reo ~ Step Two: Build the Cannon & Submit Files****5.0 Te Reo ~ How Did You Do?****6.0 Te Reo ~ Badges Awarded**TE REO  
TEACHER HELP FORUM



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TE REO  
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TE REO  
SAMPLE LESSON PLAN



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NZ CURRICULUM LINKS

## Te Reo Pouako~ Teacher Planning

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PLANNED DATE FOR LESSON

2020-01-01

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REO  
EME



Taura Nui Taura Roa Taura Kaha Taura T

Construct an Air Cannon ~ (1/2 Day)

**EXPAND ALL  
STEPS**



**1.0 Te Reo ~ Overview and Introduction**



**2.0 Te Reo ~ About the Activity**



**3.0 Te Reo ~ Step One: Materials List**



**4.0 Te Reo ~ Step Two: Build the Cannon & Submit Files**



**5.0 Te Reo ~ How Did You Do?**



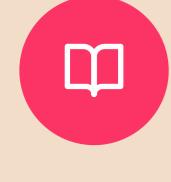
**6.0 Te Reo ~ Badges Awarded**

**June 2020**

SUN	MON	TUE	WED	THU	FRI	SAT
28	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	01	02	03	04



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## Te Reo Pouako~ Teacher Planning

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PLANNED DATE FOR LESSON

2020-01-01

Step In Progress

Step Completed

EXPAND ALL  
STEPS

### 1.0 Te Reo ~ Overview and Introduction

**Te Reo:**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudanum,

**Summary:**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam.

Te Reo ~  
Click here to open an OCR  
PDF for this step in a new tab**Te Reo ~ Teacher Notes for This Step:**

Add your notes here

~ Fusce finibus blandit luctus!

~ Donec et molestie purus.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus luctus tincidunt magna eget euismod.

Aliquam nec justo quis erat volutpat suscipit. Sed id tellus facilisis, tincidunt elit et, tristique arcu.

Mauris vehicula, mi in tristique sagittis, velit dui posuere risus, a pharetra odio erat eu velit. Duis vitae nisi non nibh pharetra varius. Sed arcu felis, venenatis eu est a, facilisis pulvinar nibh. Sed eu lacinia erat. Nullam ac turpis non erat finibus interdum.

**Video 1: Te Reo ~  
Maui slows down Tamanui-te-rā**

### 2.0 Te Reo ~ About the Activity



### 3.0 Te Reo ~ Step One: Materials List



### 4.0 Te Reo ~ Step Two: Build the Cannon & Submit Files



### 5.0 Te Reo ~ How Did You Do?



### 6.0 Te Reo ~ Badges Awarded

Te Reo  
Teacher Help Forum

- TE REO MAORI CULTURE
- TE REO STEM RESOURCES
- AOTEAROA TE REO SAMPLE LESSON PLAN
- AOTEAROA TE REO NZ CURRICULUM LINKS

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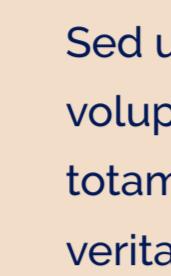
TE REO GOOGLE CLASSROOM

TE REO TOGGLE INSTRUCTION

TE REO HIGH CONTRAST THEME



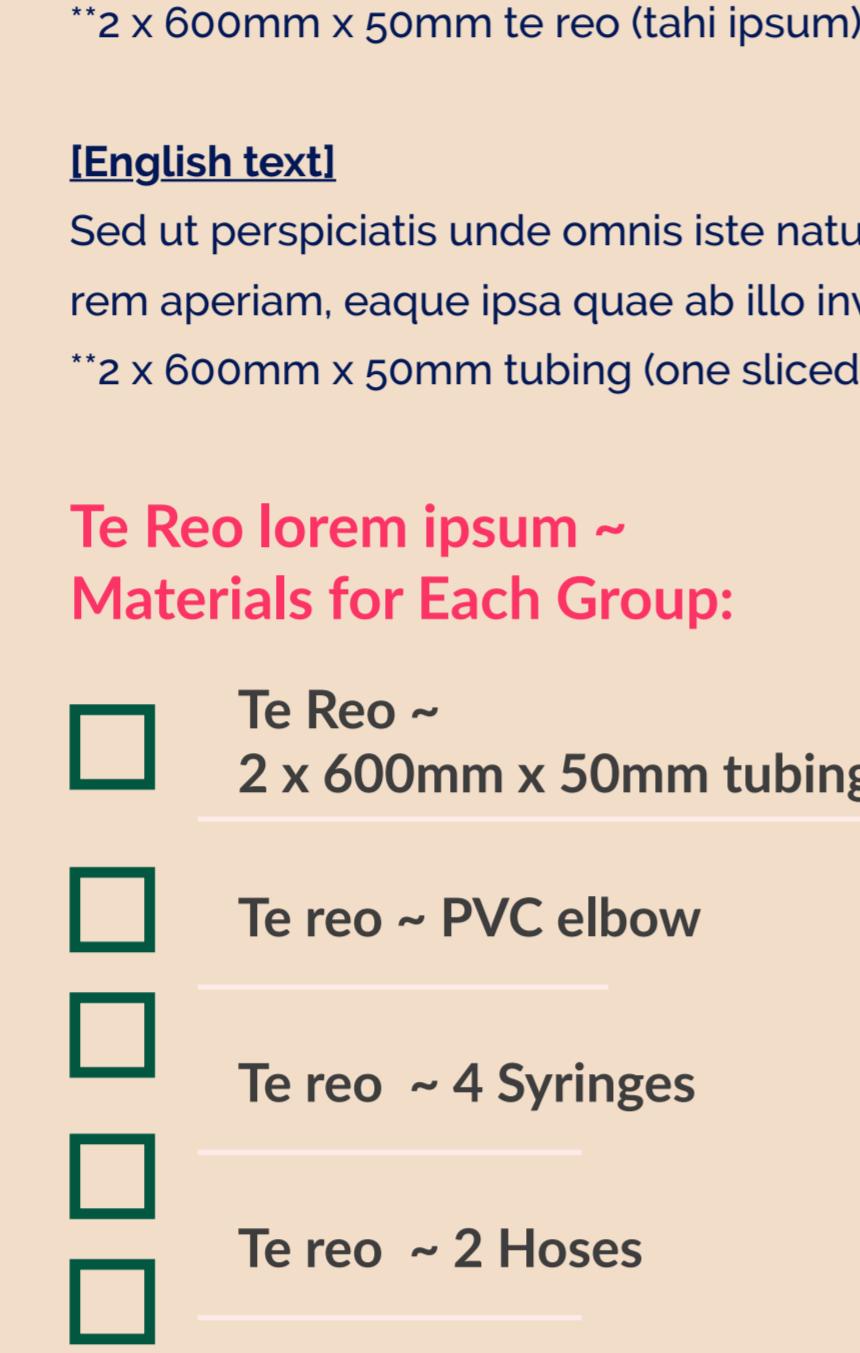
## Te Reo Pouako~ Teacher Planning

**TE REO**  
DOWNLOAD LESSON  
PLAN FOR OFFLINE**TE REO**  
PLANNED DATE FOR LESSON  
2020-01-01**Taura Nui Taura Roa Taura Kaha Taura Toa ~ (1/2 Ra)****Construct an Air Cannon ~ (1/2 Day)****EXPAND ALL STEPS**

### 1.0 Te Reo ~ Overview and Introduction

**Te Reo:**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, **Summary:** Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam.

**Te Reo ~**  
Click here to open an OCR  
PDF for this step in a new tab**Video 1: Te Reo ~**  
**Maui slows down Tamanui-te-rā**

Aotearoa NZ Curriculum Expectation 1: NZ text  
Aotearoa NZ Curriculum Expectation 2: NZ text  
Aotearoa NZ Curriculum Expectation 3: NZ text

**Te Reo - Teacher Notes for This Step:****Add your notes here**

~ Fusce finibus blandit luctus!  
~ Donec et molestie purus.  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus luctus tincidunt magna eget euismod. Aliquam nec justo quis erat volutpat suscipit. Sed id tellus facilisis, tincidunt elit et, tristique arcu. Mauris vehicula, mi in tristique sagittis, velit dui posuere risus, a pharetra odio erat eu velit. Duis vitae nisi non nibh pharetra varius. Sed arcu felis, venenatis eu est a, facilisis pulvinar nibh. Sed eu lacinia erat. Nullam ac turpis non erat finibus interdum.

### 2.0 Te Reo ~ About the Activity

**[Te Reo text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**Te Reo ~**  
Click here to open an OCR  
PDF for this step in a new tab**[English text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**Photo 1:**  
**Te Reo lorem ipsum**

Aotearoa NZ Curriculum Expectation 1: NZ text  
Aotearoa NZ Curriculum Expectation 2: NZ text  
Aotearoa NZ Curriculum Expectation 3: NZ text

**Te Reo - Teacher Notes for This Step:****Add your notes here**

~ Fusce finibus blandit luctus!  
~ Sed non dapibus dolor. Praesent vel erat et mauris luctus. Pharetra in pretium velit. Donec et molestie purus. Duis tempor sem nulla, finibus blandit dolor tincidunt non. Sed urna tellus, vehicula vitae placerat vitae, consectetur ut dui. Donec sollicitudin hendrerit justo, et blandit arcu bibendum quis.  
~ Aenean convallis ac ex sit amet sollicitudin.

### 3.0 Te Reo ~ Step One: Materials List

**[Te Reo text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**[English text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**Te Reo lorem ipsum ~****Materials For Each Group:**

- Te Reo ~ 2 x 600mm x 50mm tubing\*\*
- Te reo ~ PVC elbow
- Te reo ~ 4 Syringes
- Te reo ~ 2 Hoses
- Te reo ~ 3 Table tennis balls

Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

**Te Reo lorem ipsum ~****Materials Shared Between Groups:**

- Te reo lorem ipsum ~ 1 x Blower (shared between 3 teams)
- Te reo lorem ipsum ~ Masking tape
- Te reo lorem ipsum ~ Rubber bands
- Te reo lorem ipsum ~ Cable ties

Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

Te Reo ~ Teacher Notes for This Step:

**Add your notes here**

~ Fusce finibus blandit luctus!  
~ Sed non dapibus dolor. Praesent vel erat et mauris luctus. Pharetra in pretium velit. Donec et molestie purus. Duis tempor sem nulla, finibus blandit dolor tincidunt non. Sed urna tellus, vehicula vitae placerat vitae, consectetur ut dui. Donec sollicitudin hendrerit justo, et blandit arcu bibendum quis.  
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### 4.0 Te Reo ~ Step Two: Build the Cannon & Submit Files

**[Te Reo text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**[English text]**

In the same way that Maui and his brothers slowed Tamanui-te-rā and created longer and more regular days, students will work together in groups to build an air cannon.

**Photo 1:**  
**Te Reo lorem ipsum**

Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

**Te Reo ~**  
Click here to open an OCR  
PDF for this step in a new tab**Te Reo - Teacher Notes for This Step:****Add your notes here**

~ Fusce finibus blandit luctus!  
~ Sed non dapibus dolor. Praesent vel erat et mauris luctus. Pharetra in pretium velit. Donec et molestie purus. Duis tempor sem nulla, finibus blandit dolor tincidunt non. Sed urna tellus, vehicula vitae placerat vitae, consectetur ut dui. Donec sollicitudin hendrerit justo, et blandit arcu bibendum quis.

~ Aenean convallis ac ex sit amet sollicitudin.

### 5.0 Te Reo ~ How Did You Do?

**[Te Reo text]**

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

**[English text]**

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Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

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~ Aenean convallis ac ex sit amet sollicitudin.

### TE REO 1: LOREM IPSUM DOLOR SIT AMET, CONSECTETU

Te reo 20pts ball in basket 1

Value

Value

Te reo 10pts ball in basket 2

Value

Value

Te reo 5pts ball in basket 3

Value

Value

We stayed on task

Rarely

We respected others

Rarely

### CHALLENGE 1: CONSTUCT AN AIR CANNON

- 1. Use the materials in front of you to construct a free-standing cannon to fire a table tennis ball. You must use the syringes and hoses so the cannon can be adjusted for different angles of trajectory
- 2. Test your apparatus for stability and use the provided air blowers to test.
- 3. Work out the trajectory and try and land your ball in each of the baskets. Having the ball land in the baskets is likening to capturing the sun with harakeke

Te Reo ~ Testing Check List

- 1. Apparatus designed is free standing and stable
- 2. Cannon to be adjusted to fire as far as possible your table tennis ball.
- 3. Rearranged, your table tennis ball must levitate for as long as possible
- 4. Clean up and pack down

Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

**Te Reo ~**  
Click here to open an OCR  
PDF for this step in a new tab**Te Reo - Teacher Notes for This Step:****Add your notes here**

~ Fusce finibus blandit luctus!

~ Sed non dapibus dolor. Praesent vel erat et mauris luctus. Pharetra in pretium velit. Donec et molestie purus. Duis tempor sem nulla, finibus blandit dolor tincidunt non. Sed urna tellus, vehicula vitae placerat vitae, consectetur ut dui. Donec sollicitudin hendrerit justo, et blandit arcu bibendum quis.

~ Aenean convallis ac ex sit amet sollicitudin.

### TE REO 2: LOREM IPSUM DOLOR SIT AMET, CONSECTETU

Te reo 20pts ball in basket 1

Value

Value

Te reo 10pts ball in basket 2

Value

Value

Te reo 5pts ball in basket 3

Value

Value

We stayed on task

Rarely

We respected others

Rarely

### TE REO 3: LOREM IPSUM DOLOR SIT AMET, CONSECTETU

Te reo 20pts ball in basket 1

Value

Value

Te reo 10pts ball in basket 2

Value

Value

Te reo 5pts ball in basket 3

Value

Value

We stayed on task

Rarely

We respected others



Te Reo  
Māori Culture Resources



Te Reo  
STEM Resources



Aotearoa Te Reo  
Sample Lesson Plan

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TOGGLE INSTRUCTION



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PLAN FOR OFFLINE

TE REO  
PLANNED DATE FOR LESSON

2020-01-01



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DOWNLOAD ENTIRE LESSON AS A .ZIP FILE



TE REO  
DOWNLOAD ONLY THE LESSON VIDEOS (.MP4)



TE REO  
DOWNLOAD TYPED LESSON PLAN WITH PHOTOS WITHOUT VIDEOS (OCR .PDF)



▶ 1.0 Te Reo ~ Overview and Introduction



▶ 1.0 Te Reo ~ Overview and Introduction



▶ 1.0 Te Reo ~ Overview and Introduction



Te Reo  
Teacher Forum



# POUAKO ~ TEACHER DASHBOARD



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MĀORI CULTURE



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STEM RESOURCES



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SAMPLE LESSON PLAN



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TE REO  
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- Taura Nui Taura Roa Taura Kaha Taura Toa
- Cannon Activity (1/2 Day)
- Taura Nui Taura Roa Taura Kaha Taura Toa
- Cannon Activity (1/2 Day)
- Taura Nui Taura Roa Taura Kaha Taura Toa
- Cannon Activity (1/2 Day)

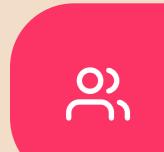
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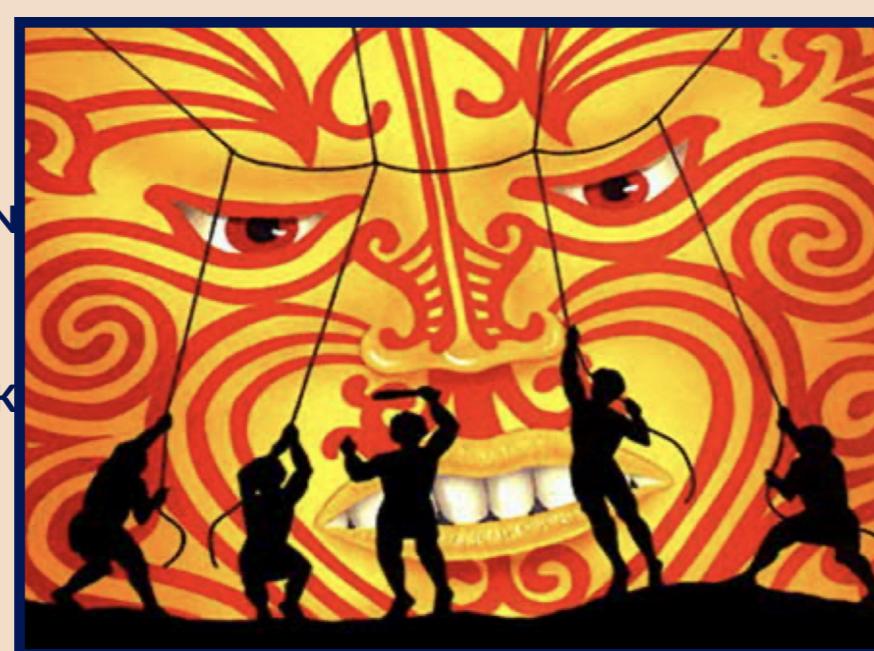
HIGH CONTRAST THEME

TE REO!

COMPLETE LESSON!



## Whare Pouako~ Lesson Plan



BACK

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NEXT

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### Te Reo ~ Notes

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SAMPLE LESSON PLANAOTEAROA TE REO  
NZ CURRICULUM LINKSRANGA  
GROUPS

## Te Reo ~ About This Activity

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PREVIEW INSTRUCTION

TE REO



HIGH CONTRAST THEME

TE REO!



COMPLETE LESSON!

### Te Reo Text

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### English Text

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## Te Reo ~ Notes

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STEM RESOURCES

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NZ CURRICULUM LINKS

 RANGA  
GROUPS

TUI HENARE:

TE REO

YOU ARE LOGGED IN



 TE REO  
LINK TO GOOGLE

 TE REO  
PREVIEW INSTRUCTION

 TE REO  
HIGH CONTRAST THEME



 TE REO!  
COMPLETE LESSON!

## Te Reo ~ Step 1: Materials

### [Te Reo text]

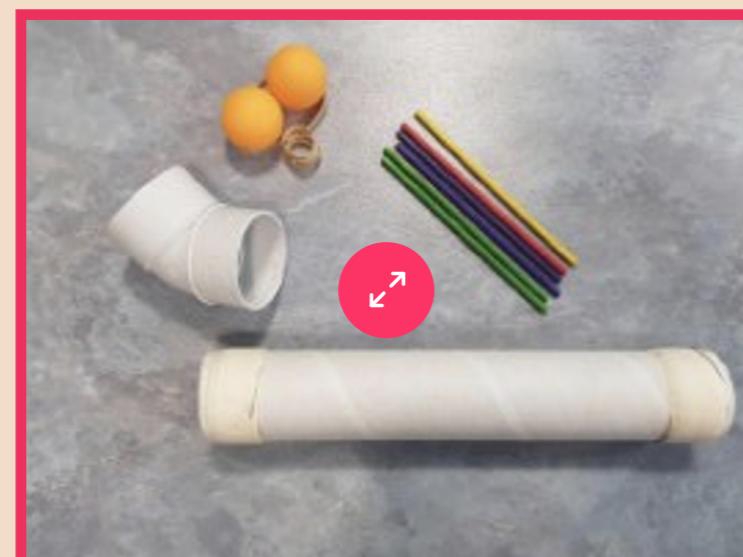
Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.  
\*\*2 x 600mm x 50mm te reo (tahi ipsum) !

### [English text]

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto

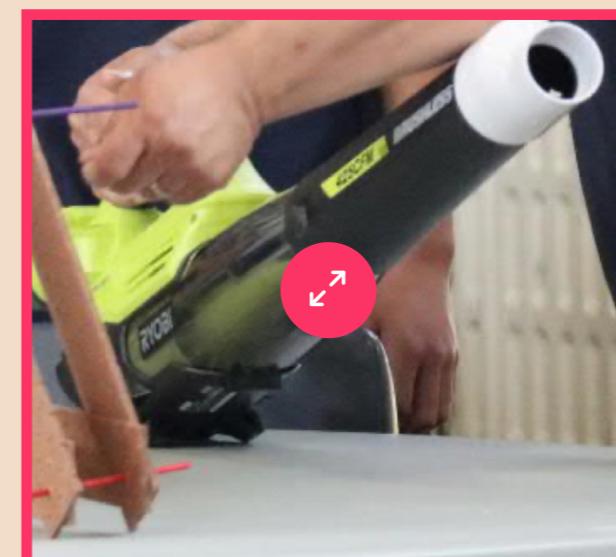
### Te Reo lorem ipsum ~ Materials for Each Group:

- Te Reo ~  
2 x 600mm x 50mm tubing\*\*
- Te reo ~ PVC elbow
- Te reo ~ 4 Syringes
- Te reo ~ 2 Hoses
- Te reo ~ 3 Table tennis balls



### Te Reo lorem ipsum ~ Materials Shared Between Groups:

- Te reo lorem ipsum ~  
1 x Blower (shared between 3 teams)
- Te reo lorem ipsum ~ Masking tape
- Te reo lorem ipsum ~ Rubber bands
- Te reo lorem ipsum ~ Cable ties



Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

Te Reo ~  
Click here to open an OCR  
PDF for this step in a new tab

## Te Reo ~ Notes

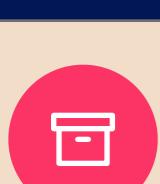
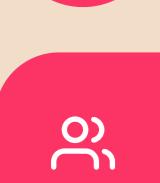
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ornare nisl. Quisque id nisi eget ex ultricies tempus. Quisque tincidunt scelerisque consectetur. Integer ipsum sem, iaculis ornare erat vel, accumsan varius velit. Pellentesque vestibulum placerat nisi eu placerat. Phasellus euismod justo purus, vel gravida sem feugiat et. Donec tincidunt elit in eros dictum, eget vehicula sapien rutrum.

Fusce vitae commodo mauris. Sed fringilla fringilla volutpat. Morbi imperdiet, tortor ac pulvinar faucibus, Leo massa blandit ligula, at feugiat nisi leo sed tortor. Mauris mollis ipsum vel pulvinar tempus. Nam vitae maximus justo. Sed sit amet euismod odio, non sollicitudin neque. Suspendisse ullamcorper, dui eu laoreet fermentum, nulla eros ultricies nibh, eget blandit nunc nunc condimentum odio. Aliquam non feugiat erat. Nullam tincidunt mattis orci, vitae sollicitudin est tristique id.

Vestibulum ac sapien ac turpis luctus eleifend id a erat. Aliquam lacinia urna vel facilisis facilisis. Curabitur tempor lorem vitae efficitur posuere. Curabitur hendrerit lorem nisl, eget pharetra elit aliquet nec. Vestibulum id arcu dolor. Duis facilisis sapien non porttitor convallis. Duis in hendrerit dui, quis imperdiet nunc. Pellentesque elementum eu urna eu tempus. Nam vehicula suscipit tortor sit amet finibus. Praesent libero mi, sodales id semper id, porta in tortor. Pellentesque ac iaculis nisl, quis venenatis turpis. Praesent sagittis sapien nec quam tincidunt, mattis bibendum felis fringilla. Cras euismod lorem massa, eget suscipit ante bibendum vitae. Vivamus accumsan facilisis nisl id vestibulum. Donec at scelerisque orci. Vestibulum lobortis dignissim ullamcorper.

BACK

NEXT

TE REO  
MĀORI CULTURETE REO  
STEM RESOURCESTE REO  
SAMPLE LESSON PLANAOTEAROA TE REO  
NZ CURRICULUM LINKSRANGA  
GROUPS

## Te Reo ~ Step 2: Build Your Cannon

### [Te Reo text]

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

### [English text]

In the same way that Māui and his brothers slowed Tamanui-te-rā and created longer and more regular days, students will work together in groups to build an air cannon.

#### Photo 1: Te Reo lorem ipsum



Aotearoa NZ Curriculum Expectation 1: NZ text

Aotearoa NZ Curriculum Expectation 2: NZ text

Aotearoa NZ Curriculum Expectation 3: NZ text

#### TE REO 1: LOREM IPSUM DOLOR SIT AMET, CONSECTETU

- 1. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed hendrerit sed erat accumsan lobortis. Pellentesque habitant morbi.
- 2. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit.
- 3. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed hendrerit sed erat accumsan lobortis. Pellentesque habitant morbi harakeke.

#### CHALLENGE 1: CONSTUCT AN AIR CANNON

- 1. Use the materials in front of you to construct a free-standing cannon to fire a table tennis ball. You must use the syringes and hoses so the canon can be adjusted for different angles of trajectory
- 2. Test your apparatus for stability and use the provided air blowers to test.
- 3. Work out the trajectory and try and land your ball in each of the baskets. Having the ball land in the baskets is likening to capturing the sun with harakeke

#### Te Reo ~ Testing Check List

- 1. Apparatus designed is free standing and stable
- 2. Cannon to be adjusted to fire as far as possible your table tennis ball.
- 3. Rearranged, your table tennis ball must levitate for as long as possible
- 4. Clean up and pack down

#### Te Reo ~ Testing Check List

- 1. Apparatus designed is free standing and stable
- 2. Cannon to be adjusted to fire as far as possible your table tennis ball.
- 3. Rearranged, your table tennis ball must levitate for as long as possible
- 4. Clean up and pack down

IMAGE PROVIDED BY



IMAGE PROVIDED BY



PŪHORO

he waka eke noa

PŪHORO



TE REO  
MĀORI CULTURE



TE REO  
STEM RESOURCES



TE REO  
SAMPLE LESSON PLAN



AOTEAROA TE REO  
NZ CURRICULUM LINKS



RANGA  
GROUPS

TUI HENARE:

TE REO

YOU ARE LOGGED IN



TE REO

LINK TO GOOGLE



TE REO

PREVIEW INSTRUCTION



TE REO

HIGH CONTRAST THEME



TE REO!

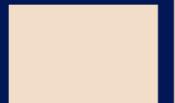
COMPLETE LESSON!



## Te Reo ~ View Groups

Te Reo 01  
Group 01

### Te Reo ~ Group Progress



#### TE REO 1 CHALLENGE 1

Te reo  
20pts ball in basket 1

Te reo  
10pts ball in basket 2

Te reo  
5pts ball in basket 3

#### TE REO BONUS CHALLENGE

Te reo  
0 - 15 secs (5 points)

Te reo  
15 - 30 secs (10 points)

Te reo  
Over 30 secs (20 points)

Te reo  
We stayed on task

Te reo  
Rarely

Te reo  
Sometimes

Te reo  
Mostly

Te reo  
Always

Te reo  
We respected others

Te reo  
Rarely

Te reo  
Sometimes

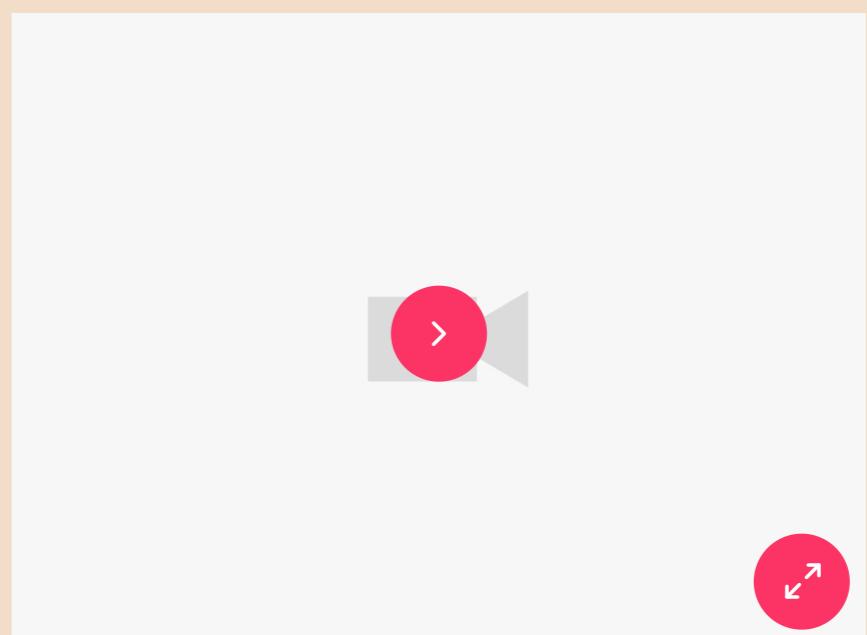
Te reo  
Mostly

Te reo  
Always

**Photo 1:**  
Te Reo lorem ipsum



Student comments



## Te Reo Kete ~ Group Kete!



• • • • •

BACK

NEXT

TE REO  
MĀORI CULTURETE REO  
STEM RESOURCESTE REO  
SAMPLE LESSON PLANAOTEAROA TE REO  
NZ CURRICULUM LINKSRANGA  
GROUPS

## Te Reo ~ Congratulations!

TUI HENARE:

TE REO



YOU ARE LOGGED IN

TE REO



LINK TO GOOGLE

TE REO



PREVIEW INSTRUCTION

TE REO



HIGH CONTRAST THEME

TE REO!



COMPLETE LESSON!



## Te Reo ~ Notes

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ornare nisl. Quisque id nisi eget ex ultricies tempus. Quisque tincidunt scelerisque consectetur. Integer ipsum sem, iaculis ornare erat vel, accumsan varius velit. Pellentesque vestibulum placerat nisi eu placerat. Phasellus euismod justo purus, vel gravida sem feugiat et. Donec tincidunt elit in eros dictum, eget vehicula sapien rutrum.

Fusce vitae commodo mauris. Sed fringilla fringilla volutpat. Morbi imperdiet, tortor ac pulvinar faucibus, Leo massa blandit ligula, at feugiat nisi leo sed tortor. Mauris mollis ipsum vel pulvinar tempus. Nam vitae maximus justo. Sed sit amet euismod odio, non sollicitudin neque. Suspendisse ullamcorper, dui eu laoreet fermentum, nulla eros ultricies nibh, eget blandit nunc nunc condimentum odio. Aliquam non feugiat erat. Nullam tincidunt mattis orci, vitae sollicitudin est tristique id.

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TE REO



HIGH CONTRAST THEME

STUDENT LOGIN

TEACHER LOGIN

# PŪHORO STEM ACADEMY

*Navigation towards understanding the sciences  
and technological advances of the future*





TE REO  
HIGH CONTRAST THEME



TE REO  
YOUR SCHOOL EMAIL  
  
TE REO  
YOUR PASSWORD

TE REO ~  
CREATE A STUDENT ACCOUNT



# POUAKO ~ STUDENT DASHBOARD



HEMI TAPSELL:

TE REO



YOU ARE LOGGED IN

TE REO

HIGH CONTRAST THEME



Te Reo  
Activity Name

Te Reo  
Activity Name

Te Reo  
Activity Name

B Te Reo  
Class PinBoard



TE REO  
GET HELP



# POUAKO ~ STUDENT DASHBOARD



HEMI TAPSELL:

TE REO

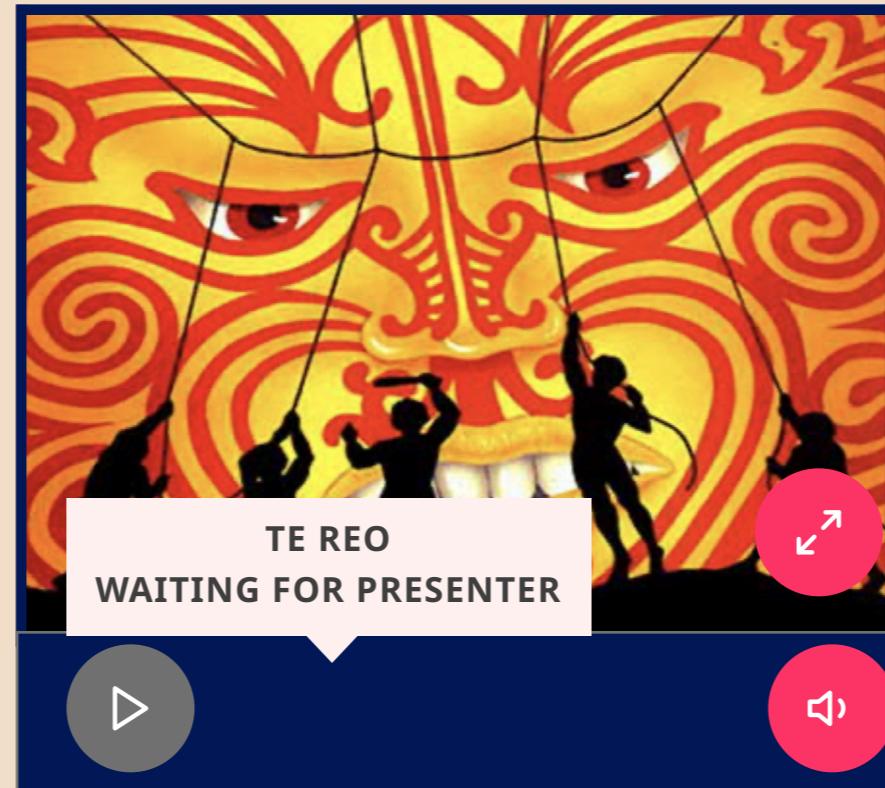


YOU ARE LOGGED IN

TE REO



HIGH CONTRAST THEME



TE REO ~ BACK

NEXT

## Te Reo ~ Your Group Progress



TE REO  
GET HELP



# POUAKO ~ STUDENT DASHBOARD



HEMI TAPSELL:

TE REO



YOU ARE LOGGED IN

TE REO

HIGH CONTRAST THEME



## Te Reo Text

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed fringilla sit amet purus at euismod. Curabitur tincidunt ante vel sapien rhoncus consequat. Donec mi justo, consectetur aliquam sollicitudin non, interdum.

## English Text

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed fringilla sit amet purus at euismod. Curabitur tincidunt ante vel sapien rhoncus consequat. Donec mi justo, consectetur aliquam sollicitudin non, interdum.

TE REO ~ BACK

TE REO ~ NEXT

## Te Reo ~ Your Group Progress



TE REO  
GET HELP



HEMI TAPSELL:

TE REO

YOU ARE LOGGED IN

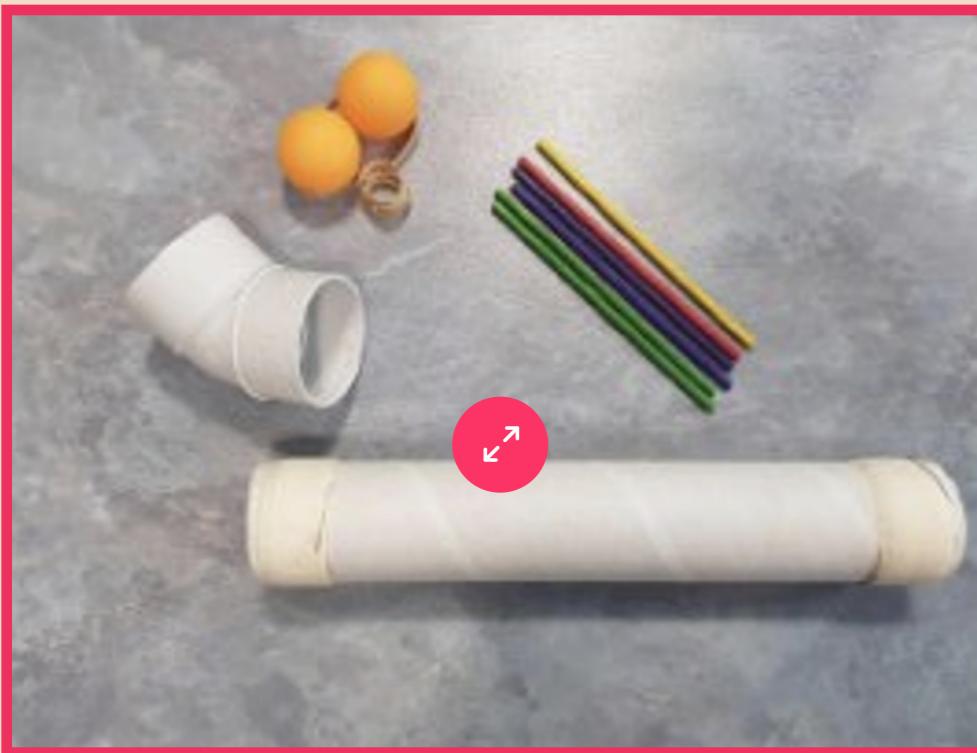


TE REO

HIGH CONTRAST THEME

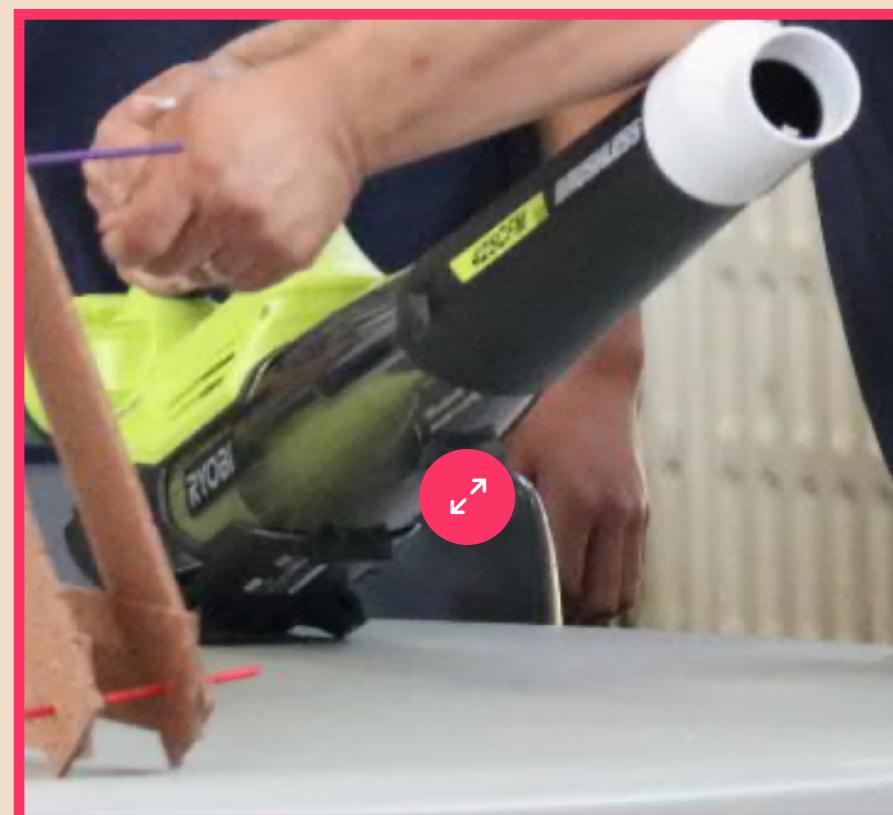


## Te Reo ~ Step 1: Materials

**TE REO! TE REO? ~ CHECK! DO YOU HAVE ?**

### TE REO ~ YOUR GROUP'S MATERIALS

- Te Reo ~ 2 x 600mm x 50mm tubing (one sliced)
- Te reo ~ PVC elbow
- Te reo ~ 4 Syringes
- Te reo ~ 2 Hoses
- Te reo ~ 3 Table tennis balls



### TE REO ~ SHARED MATERIALS

- Te reo lorem ipsum ~ 1 x Blower (shared between 3 teams)
- Te reo lorem ipsum ~ Masking tape
- Te reo lorem ipsum ~ Rubber bands
- Te reo lorem ipsum ~ Cable ties

TE REO~ BACK

TE REO ~ NEXT

### Te Reo ~ Your Group Progress

TE REO  
GET HELP



HEMI TAPSELL:

TE REO

YOU ARE LOGGED IN



TE REO

HIGH CONTRAST THEME



## Te Reo ~ Step 2: Build Your Cannon

Te Reo 2: Te Reo ~ Step 2: The Activity:

Taura Nui Taura Roa Taura Kaha Taura Toa

IMAGE PROVIDED BY PŪHORO

Te Reo Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed hendrerit sed erat accumsan lobortis. Pellentesque habitant morbi

TE REO 1: LOREM IPSUM DOLOR SIT AMET,  
CONSECTETU

- 1. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed hendrerit sed erat accumsan lobortis. Pellentesque habitant morbi.
- 2. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit.
- 3. Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed hendrerit sed erat accumsan lobortis. Pellentesque habitant morbi harakeke.

In the same way that Māui and his brothers slowed Tamanui-te-rā and created longer and more regular days, your group will work together to:

CHALLENGE 1: CONSTRUCT AN AIR POWERED CANNON

- 1. Use the materials in front of you to construct a free-standing cannon to fire a table tennis ball. You must use the syringes and hoses so the canon can be adjusted for different angles of trajectory.
- 2. Test your apparatus for stability and use the provided air blowers to test
- 3. Work out the trajectory and try and land your ball in each of the baskets. Having the ball land in the baskets is likening to capturing the sun with harakeke.

### Te Reo ~ Testing Check List

- 1. Apparatus designed is free standing and stable
- 2. Cannon to be adjusted to fire as far as possible your table tennis ball.
- 3. Rearranged, your table tennis ball must levitate for as long as possible
- 4. Clean up and pack down

### Te Reo ~ Testing Check List

- 1. Apparatus designed is free standing and stable
- 2. Cannon to be adjusted to fire as far as possible your table tennis ball.
- 3. Rearranged, your table tennis ball must levitate for as long as possible
- 4. Clean up and pack down

IMAGE  
PROVIDED BY  
PŪHORO

Te Reo  
Te reo lorem ipsum

IMAGE  
PROVIDED BY  
PŪHORO

Scoring  
You will enter your results on the next page

### TE REO 1:

Te Reo lorem ipsum dolor sit amet

- \*20 te reo – te reo lorem ipsum 1
- \*10 te reo – te reo lorem ipsum 2
- \* 5 te reo – te reo lorem ipsum 3

Te reo 3 te reo lorem ipsum 3 te reo.

### TE REO: (Te reo)

Te Reo lorem ipsum dolor sit amet, consectetur adipiscing elit.

Te Reo lorem ipsum dolor Maui, adipiscing elit kōmaru.

- \*20 te reo – 0 to 15 te reo lorem ipsum
- \*10 te reo – 16 to 30 te reo lorem ipsum
- \* 5 points – Over 30 te reo lorem ipsum

### BONUS POINTS :

Bonus points for behaviour and clean up (up to 10 points)

### CHALLENGE 1:

Land your table tennis balls in the 3 baskets

- \*20 points – a ball in basket 1
- \*10 points – a ball in basket 2
- \* 5 points – a ball in basket 3

You will have 3 attempts at each of the 3 baskets.

### BONUS CHALLENGE: (Time permitting)

Rotate your canon so it faces vertical and try and levitate your ball for as long as possible.

This is likening to Maui forcing the Sun to slow down

- \*20 points – 0 to 15 seconds air time
- \*10 points – 16 to 30 seconds air time
- \* 5 points – Over 30 seconds air time

TE REO ~ BACK

TE REO ~ NEXT

TE REO  
GET HELP

## Te Reo ~ Your Group Progress





# POUAKO ~ STUDENT DASHBOARD



HEMI TAPSELL:

TE REO



YOU ARE LOGGED IN

TE REO

HIGH CONTRAST THEME



TE REO!

UPLOAD YOUR WORK HERE!



TE REO ~ BACK



TE REO  
GET HELP

## TE REO 1 CHALLENGE 1

Te reo  
20pts ball in basket 1

Value	Value
-------	-------

Te reo  
10pts ball in basket 2

Value	Value
-------	-------

Te reo  
5pts ball in basket 3

Value	Value
-------	-------

Te reo  
We stayed on task

<input type="radio"/>	Te reo Rarely
-----------------------	------------------

## TE REO BONUS CHALLENGE

Te reo  
0 – 15 secs (5 points)

Value	Value
-------	-------

Te reo  
15 – 30 secs (10 points)

Value	Value
-------	-------

Te reo  
Over 30 secs (20 points)

Value	Value
-------	-------

Te reo  
We respected others

<input type="radio"/>	Te reo Rarely
-----------------------	------------------

Te reo  
Sometimes

<input type="radio"/>	Te reo Sometimes
-----------------------	---------------------

Te reo  
Mostly

<input type="radio"/>	Te reo Mostly
-----------------------	------------------

Te reo  
Always

<input type="radio"/>	Te reo Always
-----------------------	------------------

TE REO ~ NEXT

## Te Reo ~ Your Group Progress





# POUAKO ~ STUDENT DASHBOARD



HEMI TAPSELL:

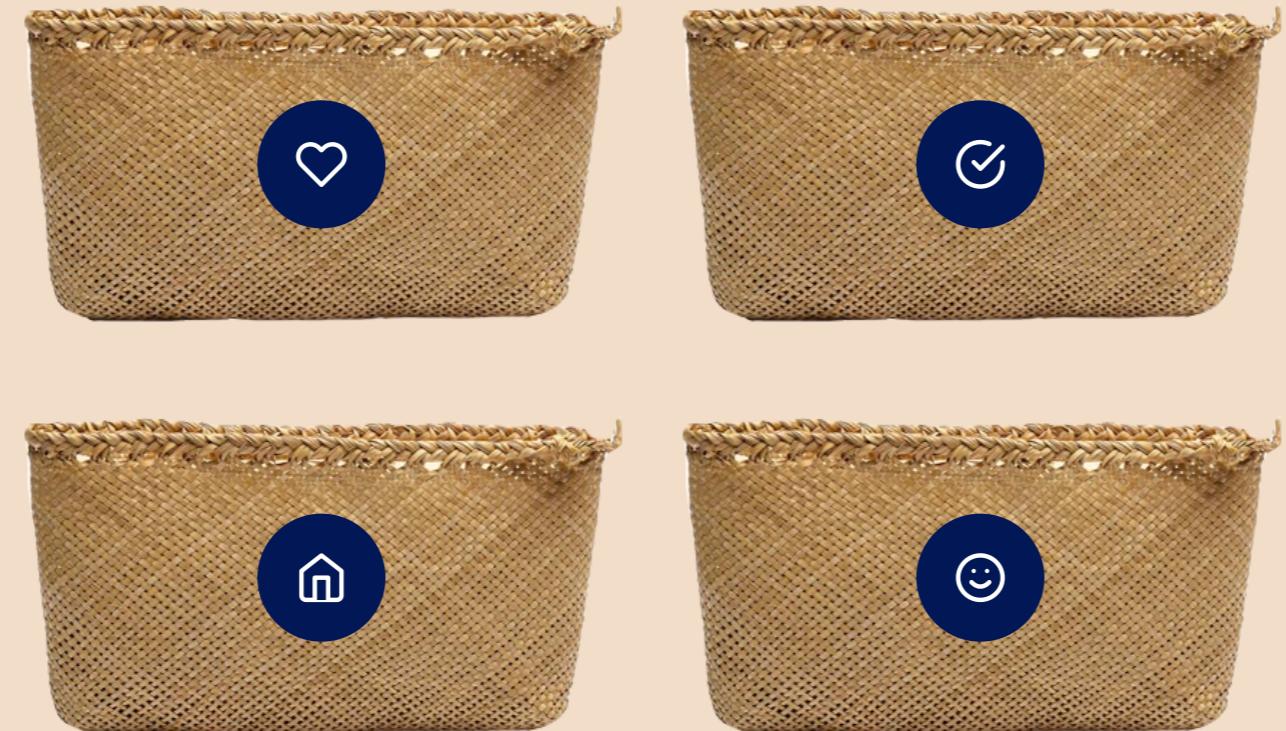
TE REO



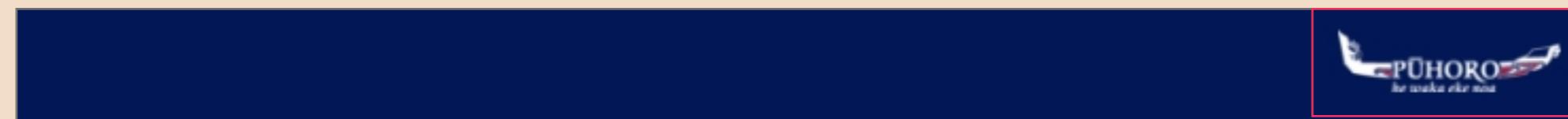
YOU ARE LOGGED IN

TE REO

HIGH CONTRAST THEME



TE REO  
GET HELP





# POUAKO ~ TEACHER DASHBOARD



Te Reo  
Māori Culture



Te Reo  
STEM Resources



Aotearoa Te Reo  
Sample Lesson Plan



Aotearoa Te Reo  
NZ Curriculum Links



Te Reo  
Teacher Help Forum

## Whare Pouako~ Teacher Home

Te Reo  
Classes

Te Reo  
Saved Lessons

Te Reo  
Instruct a Saved Lesson

Te Reo  
Export a Lesson

Te Reo  
All Pūhoro Activities

Te Reo  
FAQ

Tui Henare:

Te Reo



You Are Logged In

Te Reo



Link to Google

Te Reo



Preview Instruction

Te Reo



DEFAULT THEME

### Important Notes for Prototype Reviewers

~The font in this high contrast theme is “Open Dyslexic” which many people with dyslexia (kids and adults) find easier to read/track text.

~Thus font choice here is purely functional, instead of an aesthetic design choice.

~Spacing added between dropdown

~Lines added between icons at upper left and right to help with focus and eye tracking of elements

~The same theme would be an option site-wide.

# Tetradic Colour Scheme (With tints and shades)

#F8E9DD ~ Linen -  
Background

#FC3465 ~ Radical Red  
Element Main Colour

#FFE2E9 -  
Element Font & Contrast

#011756 Main Font

#011756 -  
Main Accent +  
Header Footer BG

#015741 -  
SECONDARY ACCENT  
(USE VERY SPARINGLY)

Adobe Xp  
Quick Mockup  
Base theme =  
“Pink Elephant”

**Font Scheme - from  
www.puhoro.co.nz**

**Designed by  
Maui Studios**

**<https://www.mauistudios.co.nz>**

Montserrat  
-> H1, H2 + Banners

Raleway

Lato

**PLEASE SEE REPORT  
FOR FULL LIST OF  
CREDITS**