

# Research - Rangahau

## FOCUS

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### ARONGA Step 1: Questions!

#### Formulate Questions - Mahere pātai

- ★ Big Question: what are you trying to find out?
- ★ Focus questions: 3-4 questions that break down your big questions into manageable parts.
- ★ Identify useful keywords/ search terms for focus questions.

## Investigate the history of waka, including their design, construction, and significance to Māori tikanga

- A. With your partner, or group of 3, discuss this topic.  
Decide on 3 - 4 focus questions which break down your big questions into manageable parts **(you must have these checked by Ms Wood before you begin your research!)**
- B. What keywords/search terms might be useful when googling your focus questions?



## Step 2: Planning for research by considering the intended outcomes

### 1. **PLAN** the sources you might use

Identify possible sources

- Are there sources easily available to complete my research? Consider how you might access websites, news, documentaries, interviews, experts (in your group, your whānau, teachers), etc.
- Usefulness and reliability: how do you know that your sources are reliable and accurate?
- A range of sources is important

These resources will help you get started. Please review these and use them to help you find your answers. Then, broaden your search to include other sources, such as experts you know.

[Te Aurere Fact sheet](#)

[Te Ara website: History of waka](#)

[Whakaraupō](#)

[Te Ara website: constructing a waka](#)

[Waka building video](#)

### 2. What is the outcome need? You will be required to present your findings in an information report.

## Step 3: Finding information to answer your focus questions

### Find and Select information - Kōwhiri

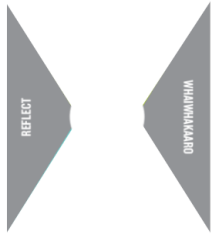
- ★ What do you already know? What do you *think* you know? [You will confirm this information]
- ★ Locate a range of sources [a range = not just websites]
- ★ Make notes from your sources in your own words [no copy and paste]
- ★ Record your sources accurately [reference guide provided]

What we already know:

What we think we know, but need to confirm with research:

Your research notes go here:

Focus question	Notes <i>in your own words</i>	source (where you found the information - copy the weblink, etc)



## Step 4: Reflect

### Organise - Whakarite

★ **Trash and Treasure:** sort through your information and select information that best answers your focus questions.

1. Reflect on the information you have. Is it relevant to your focus questions?

“**Yes it is!**” Continue to 2.

“**No, not really.**” Go back and find the answers to your questions!

2. Sources: Discuss the following...

Are your sources varied, reliable? How do you know?

Are some of your sources from New Zealand? If not, why is this? Can you find information/ data that is relevant to us in Aotearoa?

Write a brief, summary answer to each of your focus questions below, identifying the different viewpoints (if any) and your own conclusions.

Focus question	Summary answer (2-3 sentences)



## Step 5: Present your findings

- See class instructions for your report.