

# 1

**Timeframe**  
1-2 lessons

**Years**  
4-10

**Format**  
Individual  
or groups

**Cards**

Element

Puzzle pieces

**Download**  
[hpe.tki.org.nz/ata-elements-puzzle](http://hpe.tki.org.nz/ata-elements-puzzle)

## Pangahono huānga Elements puzzle

Explore and understand the elements.

By matching the Puzzle pieces with the correct elements, learners will get to know and understand the names, content and concepts within the framework. Developing a shared language of social and emotional learning will help support learner progress. Learners will also interpret the meaning of the elements using their culture and identity.



## Learners will

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- Show knowledge of the names, content and concepts of the elements.
- Explore and discuss different perspectives.
- Create interpretations of the elements using their culture and identity.

## Ways to use the resource

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- For younger learners, use the backs of the **Element** and **puzzle piece cards** as a visual puzzle. Turn over the horizontal strips to reveal the related content for each element.
- Select fewer elements to reduce difficulty.
- Encourage learners to relate the elements in their own way.

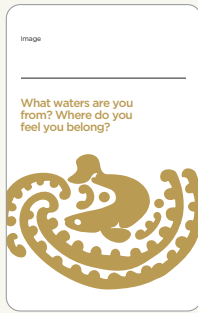
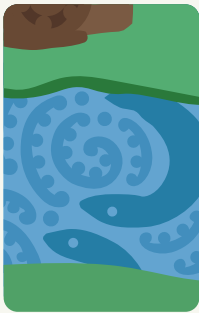
## Next steps

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- Use the **Developing strategies**, **Approaching challenges** and **Learning stories** resources to develop relevant learning experiences.
- Once introduced, elements could be discussed and applied in the context of different Learning areas, e.g. How do we collaborate in Maths?

## What you will need

2-10 Element + Puzzle piece cards



2-10 Element puzzle activity sheets

**1**  
Pangahono  
Inanga  
Elements  
puzzle

Get to know the elements.  
Download the puzzle pieces from [www.ata.govt.nz](http://www.ata.govt.nz)  
to create your own puzzle cards to discuss  
the meaning.

Element	Image	Description	Whakatauki	Explanation

**ATA** ANZTA  
ANZTA

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## Activity

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### 1. Select Elements

Choose which elements you want to explore in this session. The more elements you select, the more challenging the activity will be for learners.

Take the selected elements and their **Puzzle pieces** out of the box.

### 2. Prepare activity sheets

You'll need to print or photocopy one **Element puzzle activity sheet** for each element you're exploring.

Lay all the activity sheets out and place one **Element card** on each sheet.

### 3. Puzzle

Shuffle all the **Puzzle pieces** together and then lay them out. Next, the group needs to decide which **Puzzle pieces** go with which elements.

### 4. Discuss & customise

Using the blank cards or group discussion, encourage the group to interpret the elements using their own words, images, proverbs, references or symbolism from their culture.