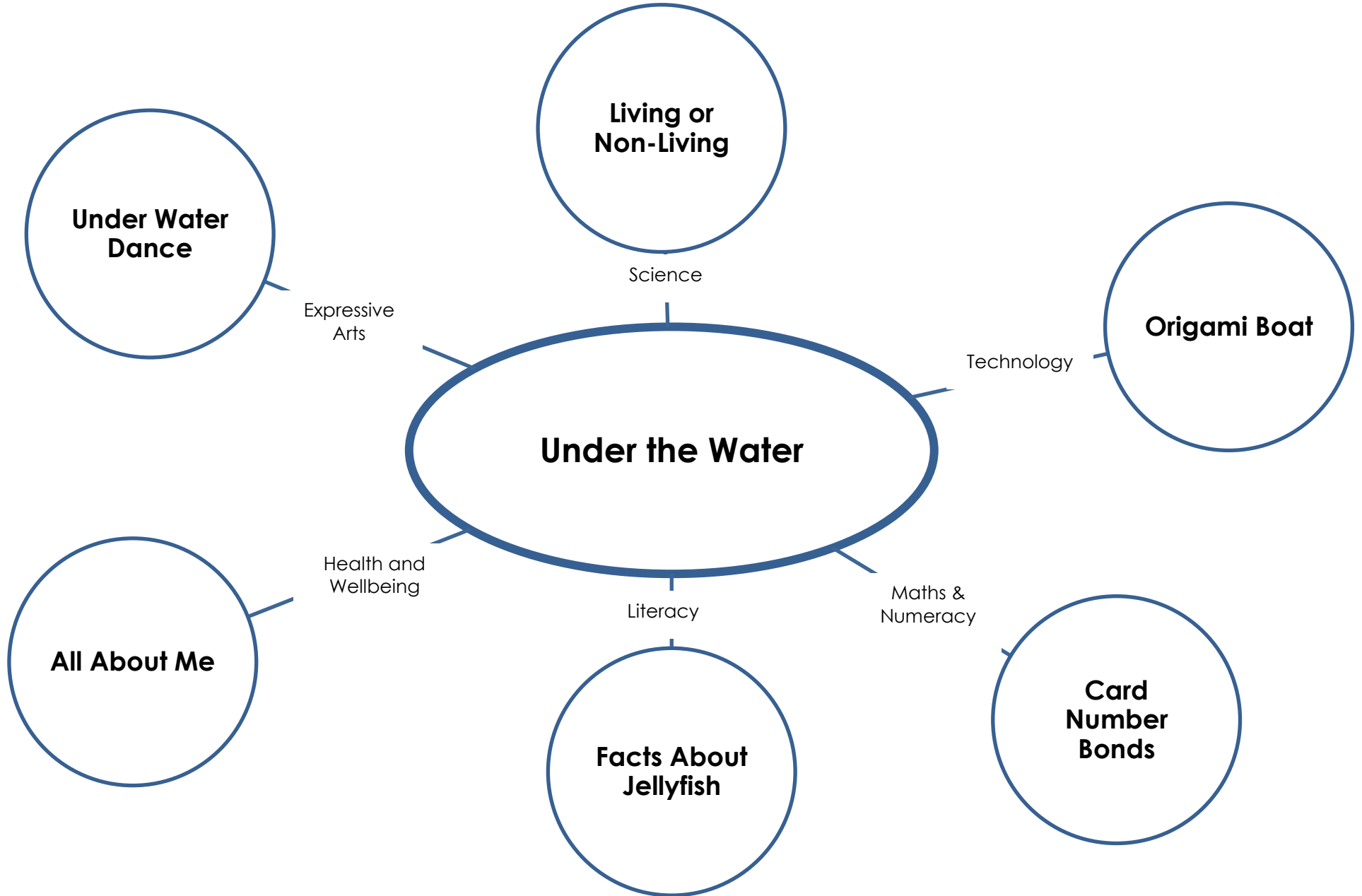


# Learning from Home



# Science Challenge




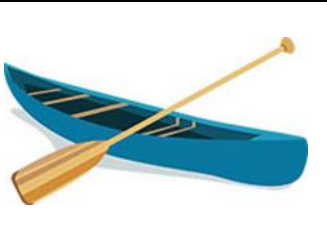


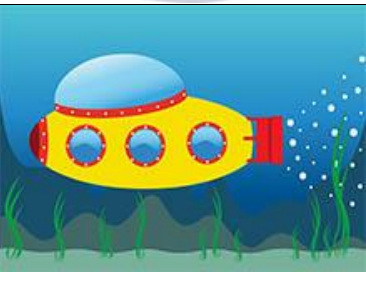


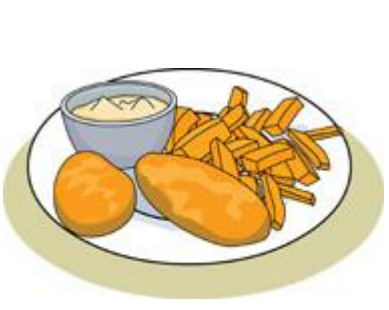
## Living or Non-Living?

What is the difference between things which are living, no longer living and those which are non-living? Watch the following clip to find out.

Watch: <https://www.youtube.com/watch?v=BEz7RPvQCAI>

### Activity

Have a look at the pictures in the following table. Can you work out which things are **living** and which are **non-living**?

Photographs - Copyrighted Classroom Clipart 2021

Choose 1 living and 1 non-living thing you might find under the water. Draw them on a piece of paper then label them **Living** and **Non-living**

# Technology Challenge



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## Make an Origami Boat

Origami is the art of folding paper into various shapes and models. It was invented in China many hundreds of years ago but is now more associated with Japan.

Your task is to make an origami boat which should look something like this.

**You will need:** A sheet of square paper (**Ask an adult to help if you need to cut down a sheet of A4**)

**Tip:** The smaller the paper the harder it is to fold



To watch someone making a boat click here:

<https://www.youtube.com/watch?v=FOYPF4W1JPA&t=1s>



1. Start with a square, patterned side facing up. Fold in half upwards (valley fold).



2. Fold the rectangle in half downwards on both sides.



3. Unfold the top layer at the front only.



4. This is the result.



5. Fold all corners (all layers) to lie on the horizontal crease.



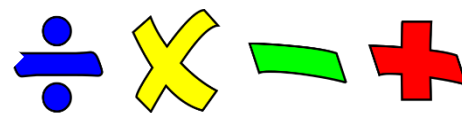
6. Fold the top half downwards and open from the middle.



7. Now your boat is finished!

Activity and images from [www.britishmuseum.org](https://www.britishmuseum.org)

# Maths & Numeracy Challenge



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## Card Number Bonds

This is a simple game to help you practise number bonds to 10 (and beyond)

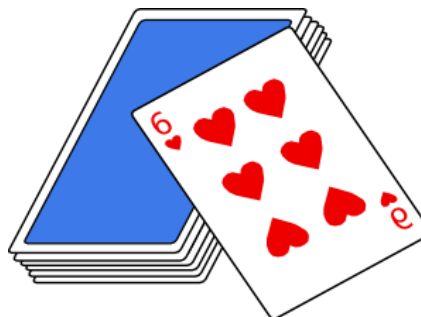
### What you will need to play:

- 1 or more players
- A pack of cards with the picture cards removed. The Ace is worth 1.

### How to play:

- Shuffle the cards and lay out face up in 4 rows.
- The aim of the game is to remove all the cards from the table in pairs of cards which add up to 10. E.g., An 8 and a 2 ( **$8+2 = 10$** )
- The game can be played alone with you trying to clear as many cards as you can. (Try and count how many are left each time)
- If playing as a pair, take turns to remove cards. The winner will be the person with the most pairs.
- If you feel like a **challenge**, try picking up 3 cards to reach 10. E.g., A 2 plus a 3 plus a 5 ( **$2+3+5 = 10$** )
- If you feel like an **extra challenge** – try using number bonds to 20 and picking 3 or more cards to reach the total. E.g., An 8 and a 7 and a 5 ( **$8+7+5 = 20$** )
- Have fun.

Activity adapted from Third Space Learning



# Literacy Challenge



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## Facts About Jellyfish

**Ask an Adult to read the information about jellyfish and have a go at answering the questions.**

Jellyfish are found in waters both cold and warm, deep and shallow. Some jellyfish are colourless and clear, but others can be pink, yellow, blue or even purple. Some can even make their own light!

Jellyfish have no brain, heart, bones or eyes. They are made up of a smooth, bag-like body and tentacles covered with tiny, stinging cells. They use their stinging tentacles to stun their prey before gobbling it up.

The jellyfish's mouth is found in the middle of its body. From this small opening it both eats and gets rid of waste. By squirting jets of water from its mouth, the jellyfish can also move itself forward in the water!

The jellyfish can make a tasty meal for other ocean creatures like sea turtles, who like to guzzle them up.

Jellyfish stings can be painful to humans, and, from certain species, they can even be deadly. Most stings occur when people accidentally touch a jellyfish.

Information from [www.natgeokids.com](http://www.natgeokids.com)



Photographs - Copyrighted Classroom Clipart 2021

### Questions

1. Describe the water where jellyfish can be found.
2. What colour are jellyfish? Are they all the same?
3. Does a jellyfish only use its mouth for eating its food?
4. Name a creature which eats jellyfish?



# Health & Wellbeing Challenge

## All About Me

Watch the following clip from Finding Nemo. What words would you use to describe Nemo?

<https://www.youtube.com/watch?v=9RhX3IRJQMg>



Now have a think about yourself – how would you describe yourself? Are you anything like Nemo? Why / why not.

Make a list of the special things about you. Are you brave, kind, silly, stubborn etc.?

**Draw a picture of yourself and write down the words from your list describing yourself.**



Teachers own picture

# Expressive Arts Challenge



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## Under Water Dance

For this activity click on the link and watch the **Dance with the Elements** video which shows 3 people dancing to extracts from 3 famous pieces of classical music linked to the theme of water.

Image from: [bbc.co.uk](https://www.bbc.co.uk)©2013



Can you copy the dancers moves to each piece of music?

Can you create any of your own moves?

If you have someone at home who can join in, are they able to copy your dance?

**Dance with the Elements:** <https://www.youtube.com/watch?v=RbZPeCxAyOg>