


# Survival!

If you were an animal could you survive?  
Have a go in this battle for survival in different habitats!

How to play:

- You want to survive in as many habitat squares as possible!
- Choose four adaptations from the categories below. You need two adaptations to survive in a habitat.
- Take it in turns to roll two dice/roll twice to land on a habitat (first die = along, second die = up).  Can you survive there? If so, win the square and claim it as your own. Then the second player takes their turn.
- Set a timer and play for 5 minutes: survival is against the clock!
- Only one person can survive in a habitat, if you land in an already claimed square you can't take it from them.
- If you win a square, then you can roll once more – can you win another!? (If you win again, do not roll a third time).
- No one can survive in the lava of an erupting volcano. If you land on this square then you lose the game! Be careful!

# Your Adaptations

Choose one adaptation from each category!

You do not have to choose different adaptations from each other.

There are five different habitats: sea, trees, snow, sand and rocks.

Remember you need to have two adaptations for a habitat to survive there (.

## Finding Food

- Long beak for catching fish in the sea and insects in the trees
- Claws for digging through snow and sand
- Nimble feet for hunting on rocks

## Moving Through the Environment

- Long tail for balance on trees and rocks
- Big feet for walking through snow and sand
- Fins for swimming through the sea






































## Coping with Temperature

- Thick fur coat for snow and rock
- Thin fur coat for sand and trees
- Antifreeze chemicals for the sea

## Special Skills

- Camouflage in trees and snow
- Gills for breathing in the sea and ability to breathe in thin air for rocks
- Fat stores for surviving without water in sand

Write down your adaptations and set the timer. Now it's time to battle it out to survive!

6						
5						
4						
3						
2						
1						
	1	2	3	4	5	6

**So, who won? Why not try new adaptations and/or have a tournament?**

**Some thoughts:**

**Were you adapted for the same habitat? Did this limit your success?**

**→ Real animals often evolve to be different to avoid competing for resources.**

**Were there any habitats that neither of you were adapted to? Would the winner have been different if you had been adapted to a different habitat?**

**→ If an animal has an adaptation that allows it to live in a habitat others can't, or eat food that others can't, it may be more likely to survive.**

**How many habitats were you adapted for? Was it better to be adapted for one habitat or for several?**

**→ Animals that are adapted to lots of habitats are called 'generalists'. These animals do well, because no matter what habitat they are in, they can usually survive. Foxes and rats are good examples. Can you think of any others?**

**Rolling again after you win a square represents an animal surviving long enough to have babies, which can then move to a new area. The volcano represents extinction, as nothing can survive in the boiling lava.**

**→ Can you think of an adaptation that would help you in a volcano?**

**→ Can you think of any rules to add to the game to make it more realistic?**