

# Challenge Activities

## Is it living?

One of the first things Scientists do when classifying something for the first time is to decide if it is alive. There are 8 characteristics to check if something is alive:

1. Living things can move by themselves
2. Living things need nutrition
3. Living things can reproduce
4. Living things grow as they get older
5. Living things respond to stimuli
6. Living things exchange gases with their environment
7. Living things require water
8. Living things produce waste

Decide if the following items in the columns meet the requirements to be classified as a living thing (tick the box if the item meets the requirement):

Characteristics	Water	Sea Urchin	Fish Burger	Sea-horse	Coral	Sun	Shell	Fish
1. Moves								
2. Nutrition								
3. Reproduce								
4. Grow								
5. Respond								
6. Exchange Gas								
7. Water								
8. Waste								
Is it Living (L) or Non-Living (NL)?								