

Challenge Activities

Is it living?

One of the first things Scientists have to 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:

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| 1. Living things can move by themselves | 5. Living things respond to stimuli |
| 2. Living things need nutrition | 6. Living things exchange gases with their environment |
| 3. Living things can reproduce | 7. Living things require water |
| 4. Living things grow as they get older | 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	Water	Fish
1. Moves								
2. Nutrition								
3. Reproduce								
4. Grow								
5. Respond								
6. Exchange Gas								
7. Water								
8. Waste								
Living (L) or Non-Living (NL)								