

LIVING



THINGS

Intro to Characteristics of Living Things Video

How do you know that
something is alive?

Talk with your neighbor and
identify some traits that all living
things must have or be able to do.

Nucleic Acids



DNA & RNA – the hereditary material in all living things.

Water



All living things need **water** to survive.
Organisms are made of, live in and
consume water.

Cells



Cells are the basic structural, functional, and biological unit of all living things.

Energy Source



Energy allows organisms to do things

Reproduce



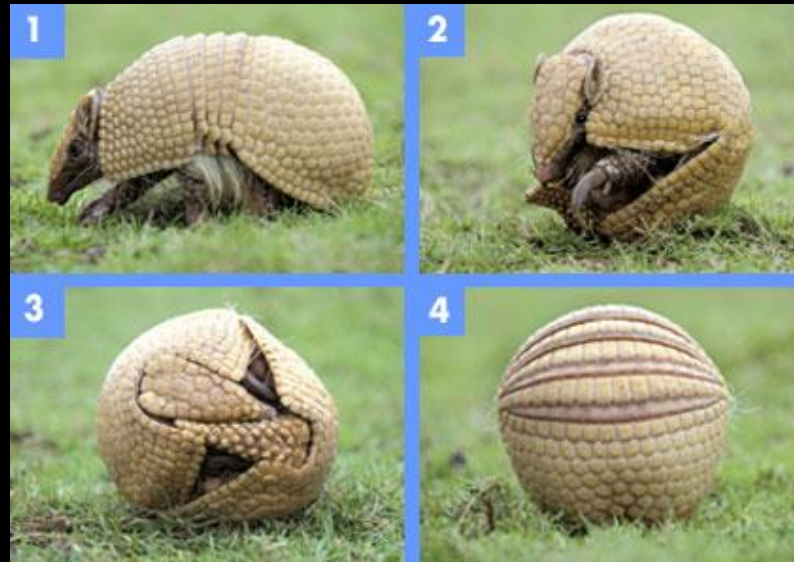
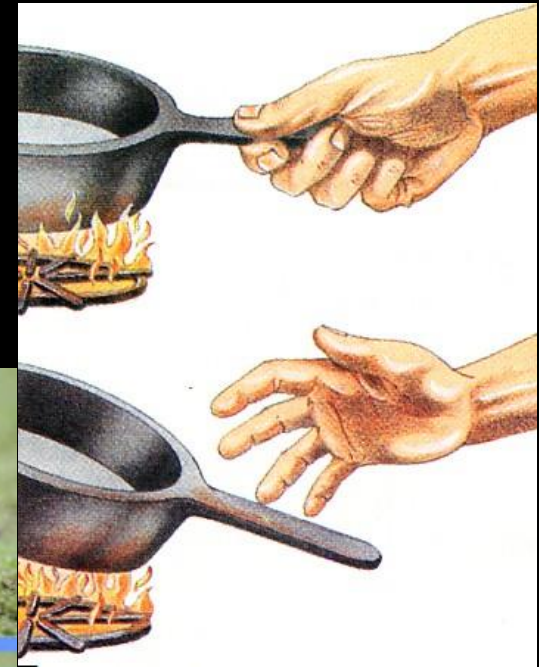
Make more of the same species to
prevent extinction

Grow and Develop



All living things have a limited life span.

Respond to Surroundings or a Stimulus



Adapt and Evolve



Living things change over time

Maintain Homeostasis



Ability of a living thing to regulate its internal conditions.

Life → Biotic



All the **living parts** of an environment

Not or
without



Abiotic



All the **non-living parts** of an environment

Habitat



Habitat - Place where an organism or community of organisms live

YouTube

Characteristics of living things

Stop Here



Repair Injury to Itself



Excretion



Remove wastes, breathing or gas exchange

Movement



Capture food, escape from danger,
respond to stimuli