

**SCIENCE 8:
CHAPTER 1
CELLS AND SYSTEMS**

1.1 OBSERVING LIVING THINGS

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- Living things can _____

- Living things have _____.
- For example, hummingbirds can beat their wings up to 80 times per second, allowing them to hover and change direction rapidly.
- All living things have _____



CHARACTERISTICS OF LIVING THINGS

- There are many characteristics of living things, but here are 6 we will look at:

1. Living things _____ to their environment
2. Living things are _____
3. Living things _____
4. Living things _____
5. Living things _____
6. Living things _____



CHARACTERISTICS OF LIVING THINGS

I. Living things _____ to their environment

- Sometimes this response takes the form of _____, such as an _____

_____ or a _____

- Sometimes this response is more _____, such as _____

in response to changing _____



CHARACTERISTICS OF LIVING THINGS

2. Living things are _____

- The _____ is the cell
- All living things are made of

3. Living things _____

- They grow _____

4. Living things _____

- Each individual, given the circumstances, has the potential to produce a _____



CHARACTERISTICS OF LIVING THINGS

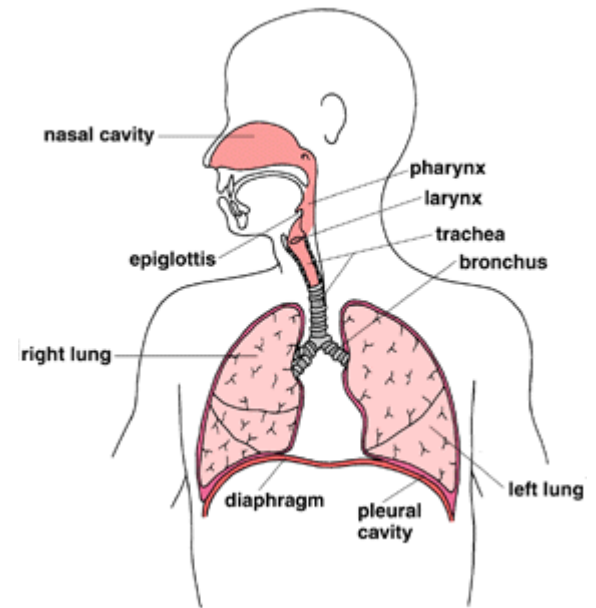
5. Living things _____

- They take in _____
and _____ them into

- Animals convert _____

into _____

(water and carbon dioxide)
through the process of



CHARACTERISTICS OF LIVING THINGS

6. Living things _____

- Over many generations the traits of the species will change by natural selection to _____

- Living things _____
- A basic assumption of evolution is heredity, the _____
_____ through genes
- All living things inherit traits from their parent(s) through some type of _____