

- 1. Living Things
- 2. Intro to Microscopes

Living Things

Identify the 7 characteristics of living things from the pictures provided (on the PowerPoint). For each living thing, write why you think it is living.

Picture:	Living or Non-living?	Why do you think it is living? (what characteristic is it exhibiting?)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

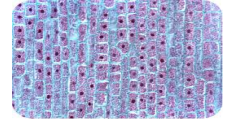
Living Things

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Characteristic of Living Things

1. Living things..._____.

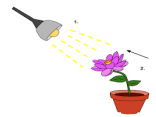
- _____ are the basic unit of life
- Ex: _____ - organisms made up of _____ cell.
 -
- Ex: _____ - organisms made up of _____ one cell.
 -



- *More than half of all the cells in the body are _____.*
- *Majority are found within the _____.*
- *Billions of bacterial cells live on the _____.*
- *Humans have about _____.*
- *Most of the cells in your body are replaced every _____ years.*
- *Some white blood cells last only _____ days.*
- *Cells in your eyes will last _____.*

2. Living things..._____.

- Anything that causes a _____ to _____ is called a _____.
 - Ex.
 - Ex.



- *Pupils _____ and _____ in response to light.*
- *Hibernation and shedding of fur are a response to _____.*
- *Eyes blink in response to _____.*

3. Living things..._____.



- To _____ to the environment, living things require _____.
- Living things have _____ of getting energy.
- Ex:

- *Plants prepare their own food by the process of _____.*
- *Animals cannot prepare their own food and depend on _____ and _____ for their food.*
- _____ → _____ → _____ →
_____ → _____

4. Living things..._____.



- All living things _____ in some way.
- This may be obvious (_____) or less obvious (_____).
- A _____ may be needed to observe movement at a _____ level.

- *Humans are rare in the world of mammals because we are _____.*
- *Squirrels can walk _____.*
- *Water spiders can walk on _____.*

5. Living things..._____.



- _____ is a result of _____ in your body increasing in number.
- _____ are continually being _____.

- *Fastest growing organism is a type of algae that can grow at a rate of _____ in one day.*
- *Growth is supported by good _____, enough _____ and regular _____.*

6. Living things..._____.



- A way for living things to _____ that die.

- *There are two types of reproduction:*
 -
 -

7. Living things..._____.

- What living things consume are not always used by the body and therefore creates _____.



- Animals produce waste such as _____, _____, and _____.

- *Human feces is mostly* _____.
- *Feces is brown due to* _____ *and* _____.
- *There is a Bristol Stool Scale.*
- *Wombat's feces come out in* _____ *shapes.*
- *Cat urine glows under black light.*
- *The world record for the longest pee is* _____ *minutes.*
- *Urine can be a window to your overall health.*
 - *Smell of ammonia* → _____
 - *Musty smell* → _____
 - *Foul smell* → _____
 - *Sweet smell* → _____
- _____ *and* _____ *make you pass gas more*
- *Passing gas is a result of a healthy, complex ecosystem in your* _____.