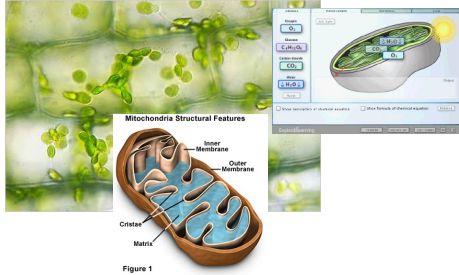


3. Living Things Use Energy:

- Living things take in energy and use it for maintenance and growth.



4. Living Things Respond To Their Environment:

- Living things will make changes in response to a stimulus in their environment.
- A behavior is a complex set of responses.

5. Living Things Grow:

- Cell division - the orderly formation of new cells. *(Hand-drawn red circle around the text)*
- Cell enlargement - the increase in size of a cell. Cells grow to a certain size and then divide. *(Hand-drawn red circle around the text, with blue handwritten note: 'Cells come from other cells' and red handwritten note: 'e.g. RBC')*
- An organism gets larger as the number of its cells increases



6. Living Things Reproduce:

- Reproduction is not essential for the survival of individual organisms, but must occur for a species to survive.
- All living things reproduce in one of the following ways:
 - > Asexual reproduction - Producing offspring without the use of gametes.
 - > Sexual reproduction - Producing offspring by the joining of sex cells.

Combine genetic material

7. Living Things Adapt To Their Environment:

- Adaptations are traits giving an organism an advantage in a certain environment.
- Variation of individuals is important for a healthy species.

Questions:

1. Do all living things have all of the characteristics of life? If your answer is no, give an example.
2. Name some non-living thing that uses energy.
3. Name some non-living thing that grows.