

S	<b>LESSON NAME: CHARACTERISTICS OF LIVING ORGANISMS-SET-2</b>																									
1	<p>Which characteristic do <b>all</b> living organisms show?</p> <p><b>A</b> breathing</p> <p><b>B</b> excretion</p> <p><b>C</b> photosynthesis</p> <p><b>D</b> tropism</p>																									
2	<p>Some lizards detach their tails when threatened by a predator.</p> <p>Which characteristic is shown?</p> <p><b>A</b> excretion</p> <p><b>B</b> growth</p> <p><b>C</b> reproduction</p> <p><b>D</b> sensitivity</p>																									
3	<p>What are the characteristics of bony fish?</p> <table border="1" data-bbox="256 1251 1459 1671"> <thead> <tr> <th></th> <th>maintain constant body temperature</th> <th>external ears present</th> <th>jelly-covered eggs</th> <th>scales</th> </tr> </thead> <tbody> <tr> <td><b>A</b></td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">x</td> <td style="text-align: center;">x</td> </tr> <tr> <td><b>B</b></td> <td style="text-align: center;">✓</td> <td style="text-align: center;">x</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> <tr> <td><b>C</b></td> <td style="text-align: center;">x</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">x</td> <td style="text-align: center;">x</td> </tr> <tr> <td><b>D</b></td> <td style="text-align: center;">x</td> <td style="text-align: center;">x</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>		maintain constant body temperature	external ears present	jelly-covered eggs	scales	<b>A</b>	✓	✓	x	x	<b>B</b>	✓	x	✓	✓	<b>C</b>	x	✓	x	x	<b>D</b>	x	x	✓	✓
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<b>D</b>	x	x	✓	✓																						

4

The diagram shows a plant that has been placed near a sunlit window for a few weeks.



Which two characteristics of living organisms have affected the shape of the plant?

- A excretion and sensitivity
- B growth and reproduction
- C reproduction and excretion
- D sensitivity and growth

5

Breathing out combines which two characteristics of living organisms?

- A excretion and movement
- B excretion and respiration
- C movement and sensitivity
- D sensitivity and respiration

6

The plant *Mimosa pudica* has leaves that fold in when touched.

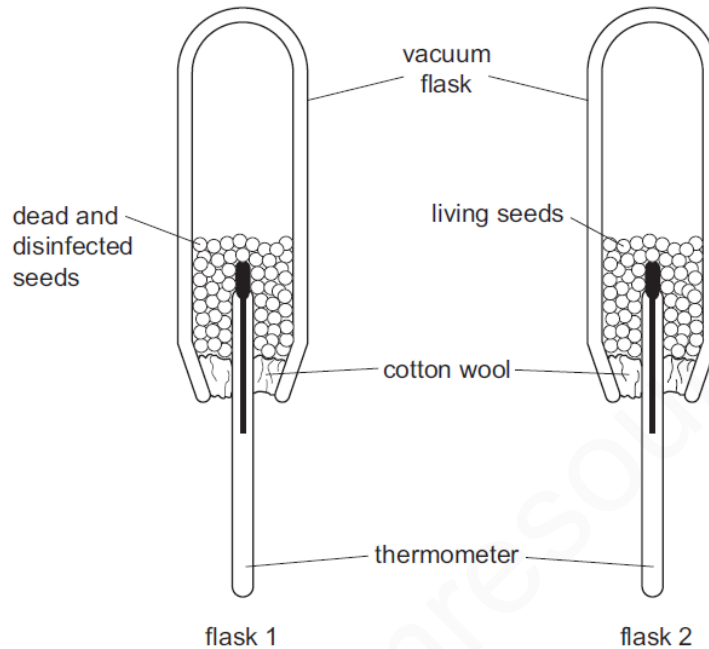
This demonstrates movement and which other characteristic?

- A excretion
- B growth
- C nutrition
- D sensitivity

7

The diagram shows the apparatus at the beginning of an investigation into temperature change during the germination of seeds. The temperature at the start of the investigation was 25 °C in both flasks.

After two days the temperature in flask 1 is 25 °C. The temperature in flask 2 is 28 °C.



Which characteristic of living organisms is shown in this experiment?

- A excretion
- B growth
- C reproduction
- D respiration

8

The sundew is a carnivorous plant that can trap small insects with sticky hairs and then digest them. When an insect gets stuck, other nearby sticky hairs bend over to trap the insect.

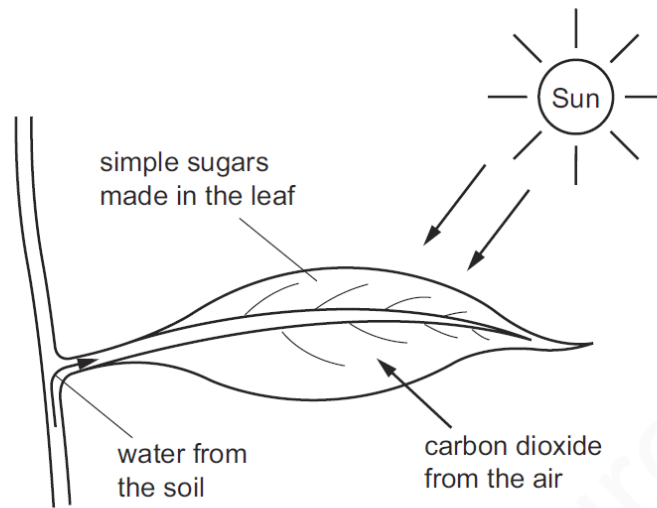
Which characteristics of living organisms are demonstrated when the sundew traps insects?

- A growth and excretion
- B growth and sensitivity
- C movement and excretion
- D movement and sensitivity

9	<p>A person drinks a glass of iced water and the volume of sweat they secrete decreases.</p> <p>This is an example of which characteristic of living organisms?</p> <p><b>A</b> growth</p> <p><b>B</b> movement</p> <p><b>C</b> respiration</p> <p><b>D</b> sensitivity</p>
10	<p>The Venus flytrap is a plant that feeds on insects. When a fly lands on the leaf, the leaf folds very quickly and traps the fly. The leaves produce enzymes which digest the fly.</p> <p>Which characteristics of living organisms are involved?</p> <p><b>A</b> excretion, growth, nutrition</p> <p><b>B</b> movement, excretion, nutrition</p> <p><b>C</b> movement, sensitivity, growth</p> <p><b>D</b> movement, sensitivity, nutrition</p>

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The diagram shows a leaf on a plant.



Which characteristic of life is represented by this diagram?

- A excretion
- B nutrition
- C respiration
- D sensitivity