

> Biology Workbook answers

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Chapter 1

Exercise 1.1

Focus

1

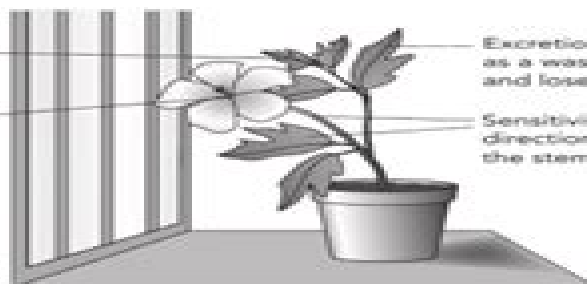
Term	Description
nutrition	making more of the same kind of organism
respiration	removing waste products of metabolism
growth	a permanent increase in size and dry mass
excretion	taking in materials for energy, growth and development
reproduction	chemical reactions that release energy from nutrient molecules

Practice

2

Growth – the plant makes new cells so it increases in size.

Reproduction – gametes are made in the flower, which fuse together to produce a zygote; this is sexual reproduction. (Note: If students have not previously studied reproduction, accept an answer that refers simply to reproduction as making more of the same species.)



Excretion – the plant makes oxygen as a waste product of photosynthesis, and loses it from its leaves.

Sensitivity – the plant senses the direction from which light comes, and the stem and leaves grow towards it.

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Gerald Karp



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