

Gas exchange in flowering plants: practice questions

1 questions · 3 marks · mark scheme at the back

For Edexcel International GCSE Science (Double Award) 4SD0.

Name

Total / 3

- 1** Carbon dioxide and oxygen are waste products of metabolism in a leaf. (a) Name the process in a leaf that produces carbon dioxide as a waste product. (b) Name the process that produces oxygen as a waste product. (c) State how these gases leave the leaf. **[3 marks]**

Mark scheme

One mark for each point unless a maximum is given. Words in brackets are not needed for the mark.

1. [3]

- (a) respiration (1)
- (b) photosynthesis (1)
- (c) (by diffusion) through the stomata (1) allow through stomata without diffusion