

3. Answers will vary. Students should understand that plants can obtain nutrition through symbiotic relationships with fungi.

1. Answers will vary. Students should understand that flowering plants create their own food through photosynthesis.
2. Answers will vary. Students should understand that despite appearances of similarity, these organisms do not share enough of the defining characteristics to be classified as plants.

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1. Would you expect the organisms on the top left to be able to create their own food? Why, or why not?
2. If you observed that the organisms on the lower right could not create their own food, would you classify them as plants?
3. If you observed that the organism in the middle had the cell structure and reproductive system of a plant but could not create its own food, would you classify it as a plant?