

3. Answers will vary. Students should understand that plants often share similar cell and tissue structures, but that these often are adapted for different functions.

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1. Answers will vary. Students might answer that all plants share common needs for light, water, and soil nutrients.
2. Answers will vary. Students should understand that plants growing in the shade of larger plants have adapted to thrive with less sunlight.



1. Do the smaller plants growing in the shade of this tree have the same essential needs as the larger tree?
2. Do the smaller plants need the same amount of sunlight as the larger tree? Explain why or why not.
3. Would you expect the smaller plants' cells and tissues to be similar to, or different from, those of the tree?