

BLOOM!

Roughly how many plant species are there on earth? (Get within 50,000 species.)

Answer: 400,000

BLOOM!

A scientist who studies plant biology is called a _____.
A. botanist B. zoologist
C. physicist

Answer: A. botanist

BLOOM!

Plants play a major role in keeping the atmosphere in balance by absorbing which gas?

Answer: carbon dioxide

BLOOM!

Horticulture is the art, science, technology, and business of _____.

Answer: growing plants

BLOOM!

Which part of a plant performs most of its photosynthesis?
A. roots B. stem C. leaf

Answer: C. leaf

BLOOM!

Plants help people breathe by releasing which gas?

Answer: oxygen

BLOOM!

Plants hold soil in place, helping to prevent which phenomenon?

Answer: erosion

BLOOM!

Knowing what an arborist does, what do you think is the main feature of an arboretum?

Answer: trees

BLOOM!

The pistil and stamen are contained in which part of a plant?

A. seed B. flower C. stem

Answer: B. flower

BLOOM!

What is the process in which plants convert light into energy?

A. sprouting B. pollination
C. photosynthesis

Answer: C. photosynthesis

BLOOM!

A plant that completes its life cycle in one year or less is called a(n) _____.

A. annual B. perennial C. conifer

Answer: A. annual

BLOOM!

A botanical garden that is open year-round will likely use what kind of building to grow plants in the winter?

Answer: greenhouse

BLOOM!

A landscape architect trying to choose the right tree for rocky soil should consult which professional?

Answer: arborist

BLOOM!

One of the best ways to reduce the amount of carbon dioxide in the atmosphere is to ensure that the planet has healthy _____.

Answer: forests

BLOOM!

Lining waterways with plants helps _____ water pollution.

A. add to B. reduce C. remove

Answer: B. reduce

BLOOM!

Urban foresters often work closely with utility companies because trees sometimes grow into _____.

Answer: power lines

BLOOM!

The part of a plant that is usually belowground is known as the _____.

Answer: root

BLOOM!

A plant that is not native to a region and causes ecological or economical harm is known as a(n) _____.

Answer: invasive species