



Botanical Garden Games - Quiz and Rally

Botanical Garden Quiz - Questions and Answers

The history of botanical gardens

- How many famous botanists can you think of?
- Where is the oldest botanical garden and when was it established? **Answer:** Padua, 1545
- When and where in Germany were the first botanical gardens founded? **Answer:** Leipzig, 1580 and Jena, 1586
- Why were botanical gardens originally established? Hint: A building was always located next to the first botanical gardens! **Answer:** Mostly for medical research reasons. The first botanical gardens were established next to universities.
- Which herbs were originally found in the herb garden? **Answer:** Medicinal herbs

About the botanical garden

- What is an arboretum? **Answer:** A garden limited to trees and shrubs.
- Which herbs would you plant in an herb garden? Which ones do you recognise in a botanical garden?
- Which plants do you recognise in a tropical greenhouse?
- What are the typical characteristics of a rose plant? **Answer:** Spines and rose hips.
- From which part of the rose is an important raw material for an everyday product obtained? **Answer:** Rose oil, the basic ingredient for many perfumes, is extracted from the petals.

Guessing questions

- How many botanical gardens are there in the world, in Europe and in Germany? **Answer:** 1800/400/90
- How high can the best climbing roses climb? **Answer:** up to 4m
- How many plant species are there on earth? **Answer:** approx. 8.7 million



- What percentage of all plant species do researchers think are still undiscovered? Approximately how many new plant species do you think are described by researchers each year? **Answer:** 80%. Researchers describe 15,000 species every year - so it will take researchers about 480 years to catalogue all plant species.

Knowledge questions

- How many butterfly plants do you know?
- Which flowers with a purple/yellow/red inflorescence can you think of?
- How many species of plants are there in your botanical garden?
- Which plants do you find in the tropical house? **Answer:** e.g. bamboo, palms, lianas, ferns, etc.

Botanical Garden Rally - Questions and Tasks

- How many plants are there in the botanical garden?
- Write down the names of all the yellow flowers you find. Who finds the most?
- What is the name of the world tree of Germanic mythology and which tree species does it belong to? **Answer:** Yggdrasil is an ash tree.
- Collect a needle or a cone from the ground from each conifer. How many do you find? Which tree is the largest exotic?
- Where is the oldest botanical garden and when was it established? **Answer:** Padua, 1545
- Which flowers bloom in the rock garden? Photograph the most beautiful flower of each colour. You can also identify certain colours beforehand.
- When and where in Germany were the first botanical gardens founded? **Answer:** 1580 in Leipzig
- Which plant do you like best? Take a photo of it.
- Find the plant that stinks the most. What is it called?
- Under which tree did Buddha experience his enlightenment? **Answer:** Under the Bodhi tree, also known as the poplar fig.
- Find the most dangerous plant in the garden. Why is it so dangerous?
- Lilies belong to the lily genus. How many species do you think there are? **Answer:** 110
- Sketch the flower of a banana from memory. Who can make the most accurate and beautiful drawing?
- How many poisonous or deadly plants can you find? Write down their names and take a photo of the most beautiful one (or of all of them).
- What Latin names can you think of for plants?
- Take a photo of an insect drinking from a flower!
- How big is the biggest fruit you find in the botanical garden? Measure it!



- Which plant/flower do the other rally participants remind you of? Find a flower/plant that suits each of them and take a photo of it.
- The rose is the queen of flowers. Which rose do you think is the most beautiful? Take a photo of it! And what is the name of the rose whose fragrance you find most beguiling?
- How many different butterflies and birds have you seen in the botanical garden?