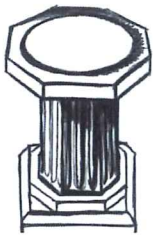


THE GREAT GARDEN ORIENTEERING RACE

SENIORS

1.

How does this stone pillar help us tell the time?



It's a sundial!

What must you remember to do when telling the time during daylight savings?

Add one hour

2.

Near the drinking fountain, read about what goes on during different seasons.

What do garden staff do during winter?



Planning

What do you think the word 'dormant' means?

Asleep, or inactive.

Find the big tree, *Sequoiadendron giganteum*! How many people does it take to hug this tree?

7-10, depending.

How do you think you can tell how old a tree is?

Count its inner rings

3.



4.

What is another name for the horopito bush?

Pepper tree.

How did it get this name?

Its leaves are spicy!



5.



Near the centre rose, find 'Madame Plantier'. What type of rose is she?

Alba

What colour are the roses in this group usually?

White

6.

What are the different uses for the plants in this garden?

- | | |
|---|--|
| <input checked="" type="radio"/> Culinary | <input type="radio"/> Cosmetic |
| <input type="radio"/> Medicinal | <input type="radio"/> Tea |
| <input type="radio"/> Dye | <input type="radio"/> Insect Repellent |
| <input type="radio"/> Aromatic | <input type="radio"/> Decorative |



Find the large, spiky, silver plant from the Mediterranean. ●●●

What could it be used for?

Curry spice/Flavouring

(Hint: name? crush and smell a leaf.)

7.



Find the Water Garden sign. Where do water lilies put their roots?

In the mud at the bottom of the pond.

Why do their leaves stay afloat?

They are large, flat and buoyant.

Where are cacti from?

Only America

Where are succulents from?

All over, mostly Africa.

How do they survive with so little water?

They store it up.

8.



9. At the very top of the hill in the model garden, find where the staff grow baby trees and shrubs. What is it called?

(Ask info centre staff if you're stuck.)

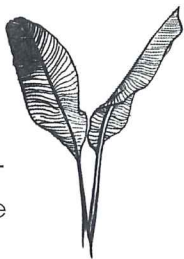
Plant Nursery

10. Find the banana plant!

What is its scientific name?

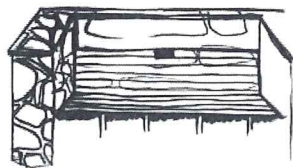
Musa manii

(Hint: It has the largest leaves. Read the information sign if you get stuck.)



12. Where are the rocks in the rock garden from? Mt. Cargill

Name three ingredients in the soil-pocket recipes!



1. Gravel

2. Peat

3. Compost

14. What is the name of Dunedin's sister city in Japan?

Otaru

What is the plant with Japanese characters on its sign?

Pachysandra terminalis



11. Juvenile (baby) lancewoods have long, brown, jagged leaves. Adults have softer, wide green leaves. They change to an adult after reaching 3 metres.

Are these lancewoods adults or juveniles?

Juveniles



13. Find the information about conifers. What do the cones contain?

Male: Pollen

Female: Seed



15. How many types of birds are at the duck pond? Usually ~3

(Note: Some birds have different colours for male and females.)

When were the first brown trout introduced? 1869



16

East from the Cedars of Lebanon Grove is the Arboretum.

What is an arboretum? A collection of trees left to grow to maturity.

17

Head south.

How many plant species are indigenous to Southern Africa? over 22,000

What four 'biomes' are shown here? 1. Forest

2. Fynbos

3. Karoo

4. Savanna.

18

Head north-east.

What are these tall, fragrant, silver trees with long leaves? Eucalyptus

What country do they come from? Australia

19

Find the Kākā enclosure. What colours are their:

Beaks? Black / grey Cheeks? Yellow / orange Bellies? Red

Underwings? Red

Backs? Brown

20

Head north, following the hedge. At the north entrance, find the Scots pine.

What is its scientific name? Pinus sylvestris

When was the Botanic Garden established? 1863