**Great Computer Challenge 2023**

***Graphic Design, Level 2***

# **Background**

Norfolk Botanical Garden is a renowned destination known for its rich history and stunning displays of flora throughout the year. It traces its roots back to 1938, established through the Works Progress Administration (WPA) grant. The grant enabled 220 African American workers to clear 30 acres of dense vegetation, laying the foundation for the Gardens to become one of the largest collections of azaleas, camellias, roses, and rhododendrons on the East Coast. Located on 175 acres, Norfolk Botanical Garden contains over 65 distinct themed gardens, making it a haven for plant enthusiasts and nature lovers. It is also home to a diverse array of wildlife, with 95 species of birds and 30 species of butterflies adding to its natural beauty.

Supported by the City of Norfolk, its mission is to immerse visitors in a world of beauty, lead through environmental action, and inspire through education and connection to nature. Whether you're a plant enthusiast, a nature lover, or someone looking for a fun and educational experience for kids, Norfolk Botanical Garden offers a memorable and enriching visit for all ages.

# **Guidelines & Requirements**

Your drawing must be your own work. You may include 1 or 2 objects that are already made (clipart, stamps or animations from your drawing software) if they help make your picture better.

If you finish early, go back and add more details.

# **Challenge 1: Futuristic Greenhouse**

Your team is designing a new futuristic greenhouse that is technology based and eco-friendly. The greenhouse will be located at the World of Wonder’s (WOW) children’s adventure garden. Use colors, lines, shapes and patterns in your picture.

As you draw your picture think about these questions:

• What do you imagine your greenhouse of the future might look like? How might it be different from traditional greenhouses?

• What are some advanced technologies that could be used in your futuristic greenhouse?

• Can you think of ways to use innovative materials or tools to optimize your greenhouse’s performance?

• Can you think of any creative ways to recycle or repurpose materials to use in your greenhouse design?

• What materials do you think would be best for building your greenhouse?

• What plants do you think would grow in your greenhouse?

# **Judging Criteria**

Remember:

* Save your work every few minutes.
* Your picture must be printed by the time the contest is over (if you choose to print).
* Leave your picture up on the computer screen when you leave.
* If your computer logs out when you are finished, please leave the login information on the judge’s card.

***Have fun and thanks for participating in the***

***Great Computer Challenge, 2023!***