



Ted Alejandre, County Superintendent

San Bernardino County
Superintendent of Schools
Transforming lives through education



Monday, June 1
2:00pm

SciGirls Stories, “Asombrosos Arboles – Terrific Trees”
4th – 8th grades.

This series showcases bright, curious real girls putting science and engineering to work as they answer questions and make unexpected discoveries in the world around them.

The majestic big trees of Puerto Rico catch the attention of SciGirls in San Juan. Isabel, Gabriela and Karla explore the benefits that big trees bring to their ecosystems, comparing trees in the rain forest and the city.

After watching this episode, choose from the following questions and/or tasks to extend your learning

Question Box 1

- What is the central message in this program? Explain?
- What are the program’s supporting claims or reasons that support the central message?
- What is the author trying to say through the TV program? What from the text makes you believe this?
- What evidence does the TV show director give to support his or her central idea?
- What types of trees did the girls learn about in this episode?
- What benefits to the ecosystem did they discover as they completed their research?
- How did the rain forest trees compare to the trees in the city?

Question Box 2

- If someone else were looking at this program, what might they learn?
- What is one thing I would like to add to this topic?
- What would you change about this program?
- If a part 2 of this program was created, what you like them to focus on?
- What would you like to research for extra credit? Why?
- Do you think researching the trees was a worthwhile task for the Scigirls? Why or why not?
- What do you think their motivation was? In other words, why do you think they wanted to learn about the big trees?

Box 3 (Tasks)

- Research with evidence information about the “Big Trees”
- What specific benefits do the big trees provide?
- Compare and contrast the trees in the city with the rainforest trees. Use a graphic

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organizer to record specific details from the episode.

- Use your graphic organizer to compose a compare and contrast essay to share your new knowledge with your family.

Box 4 (Enrichment)

- Analyze the role the trees play in the environment in which they survive. Please make sure to provide your evidence.
- Compare and contrast the trees in your neighborhood to those in Puerto Rico.
- Learn more about the flora and fauna of the rainforest at https://www.fs.usda.gov/detail/elyunque/learning/kids/?cid=fsbdev3_042985. Create a visual display to showcase your new knowledge.

Box 5 (Extend/Real-Life)

- What is the most common tree in your neighborhood and what role do they play in the ecosystem?
- There are careers in trees. Visit this page and review the four types of careers that involve working with trees. <https://www.cacareerzone.org/search/arborist>