**MEDIA CONTACT:**

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***SciGirls* Season Four:**

**Six Great New Episodes!**

**Episode 401: *Digital Dance***

SciGirls in Queens, NY, unite to create a high-tech dance show. Marilin, Nazaret, Sheira and Marielly code robotics and light-up dance costumes, and perform for their families and community.

*Educational Objectives:*

After watching the program viewers will be able to: 1. recognize how collaborating with others can help make a more creative project; 2. identify different types of technology and how they can be used in creative ways; 3. identify strategies to problem solve when encountering technology challenges; and 4. describe the engineering design process.

**Episode 402: *City Chickens***

SciGirls hatch a plan! Alexa and her friends design and build a chicken coop for an urban farm in Denver, Colorado, by recycling a donated structure into a new home where the birds can thrive.

*Educational Objectives:*

After watching this program viewers will be able to: 1. identify the different ways to have sustainable food; 2. list the needs of chickens kept in an urban environment; 3. recognize the importance of building a scale model before building a large project; 4. describe the engineering design process; 5. recognize how collaborating with others can help make a more creative project; and 6. identify strategies for incorporating the needs of a client to make something for them.

**Episode 403: *Space Squad***

Texas SciGirls Katya, Mariana, Angela and Eloyda are over the moon! Teaming up with NASA materials engineers, they create their own water bottle insulators, bringing space science to life on Earth.

*Educational Objectives:*

After watching this program viewers will be able to: 1. describe the engineering design process; 2. recognize how collaborating with others can help make a more creative project; 3. describe what a materials engineer does; 4. recognize that different materials are useful for different things; and 5. recognize the advantages of making things with multiple layers of materials to take advantage of all their properties.

**Episode 404: *Awesome Athletes***

SciGirls in San Diego go for the gold! Clarissa and her sporty pals get inspired by Olympic athletes. They team up with a sports medicine physician and create a fitness boot camp to promote community health.

*Educational Objectives:*

After watching this program viewers will be able to: 1. recognize how collaborating with others can help make a more creative project; 2. describe different activities people can do to improve their balance, speed, and strength; and 3. list what types of food people should eat before and after exercising.

**Episode 405: *Process Power***

Valeria and her friends take action in their Arizona community. These SciGirls partner with an industrial engineer to design a streamlined service plan for a food bank, and help high school students in need.

*Educational Objectives:*

After watching this program viewers will be able to: 1. recognize how collaborating with others can help make a more creative project; 2. describe the engineering design process; 3. describe what an industrial engineer does; 4. recognize the steps required to make a process more efficient; and 5. give examples of ways to make processes faster.

**Episode 406: *Terrific Trees***

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.

*Educational Objectives:*

After watching this program viewers will be able to: 1. recognize how collaborating with others can help make a more creative project; 2. identify the different parts of a scientific investigation; 3. describe the benefits of trees; 4. list different observations and measurements people can take of trees; and 5. recognize some differences between trees that grow in a forest and trees that grow alone.