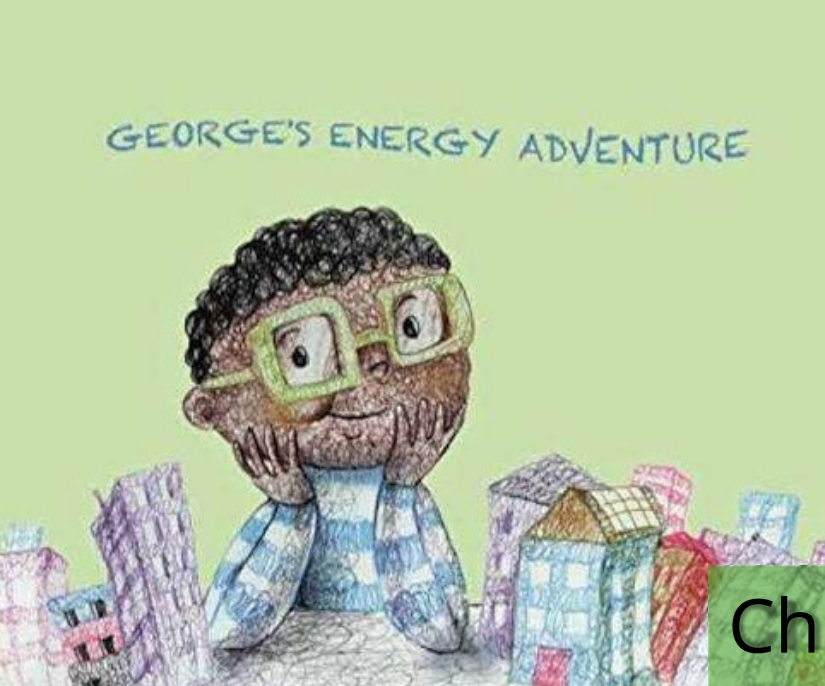




Children's Book Reading Outreach Guide

About the Books

The North American Young Generation in Nuclear (NAYGN) Student Outreach Program developed George's Energy Adventure and Marie's Electric Adventure to introduce elementary-aged students to energy, electricity, and science through engaging stories and memorable characters.

Each book encourages curiosity about how the world is powered while highlighting the importance of innovation, teamwork, and scientific discovery. Through age-appropriate storytelling, students are introduced to different forms of energy, the people behind important scientific breakthroughs, and the many careers that help keep our communities powered.

Both books are designed to spark meaningful conversations about STEM, inspire the next generation of problem-solvers, and show how science and engineering improve everyday life.

Whether read in a classroom, library, community center, or at home, these books provide an enjoyable way to

introduce young learners to topics that shape our future.

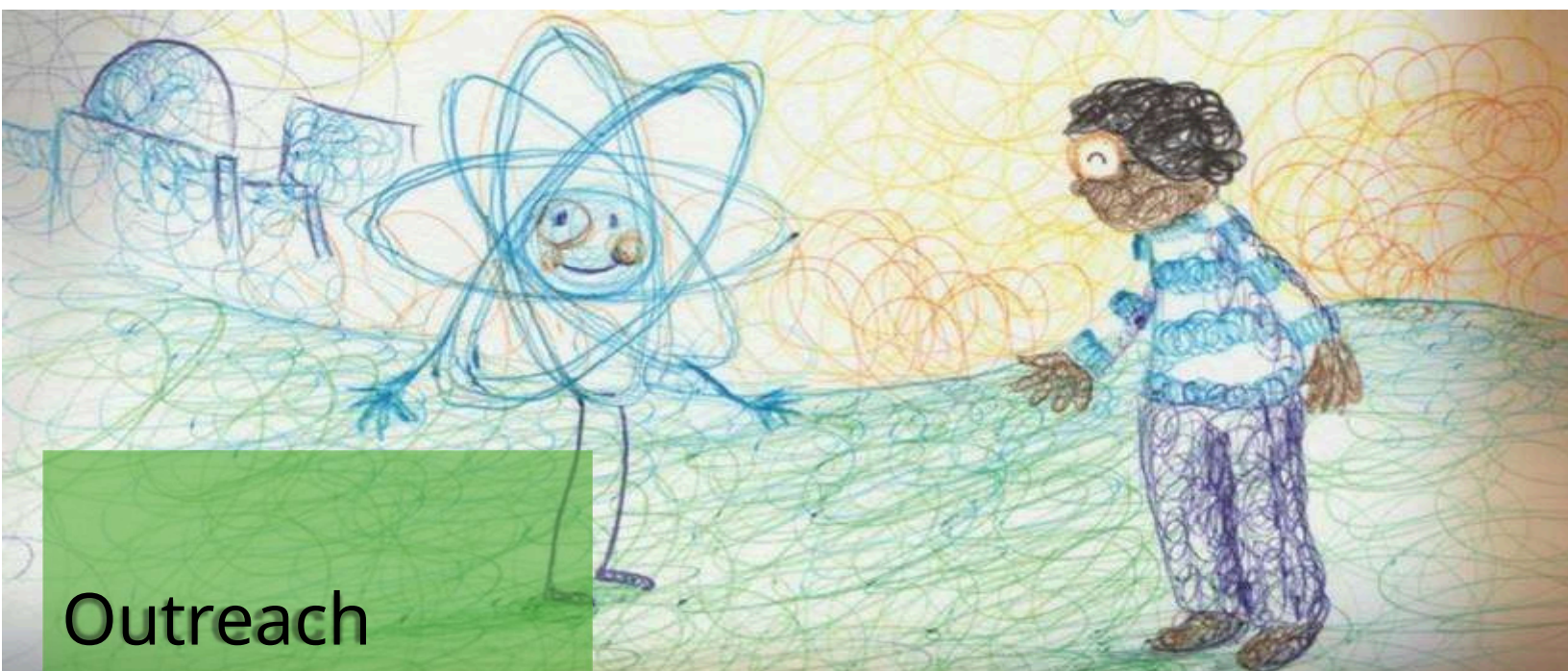
About this Guide

This guide was created to help NAYGN members confidently deliver engaging book-reading events in their local communities.

Inside, you'll find everything needed to plan and lead a successful outreach event, including:

- ☐ Reading tips and presentation guidance
- ☐ Discussion questions for students
- ☐ Hands-on STEM activities
- ☐ Classroom management recommendations
- ☐ Connections to science and engineering concepts
- ☐ Follow-up resources for teachers, parents, and libraries





Outreach Opportunities

Additional Outreach Opportunities

Looking to reach even more students?
Consider:

- Hosting a reading during Nuclear Science Week.
- Donating books to schools or libraries.
- Participating in local STEM festivals.
- Reading during community events or farmers markets.
- Partnering with museums or children's organizations.
- Supporting company volunteer events.
- Organizing a family STEM story time.

NAYGN is encouraging all members to read the books to students during the upcoming Nuclear Science Week. Use the following tips to arrange book reading sessions:

Before Your Visit

- Contact the teacher or STEM advocate 2–4 weeks in advance.
- Ask about grade level and classroom size.
- Coordinate the length of your presentation (typically 30–45 minutes).
- Consider reaching out to Elementary schools, Public libraries, STEM Nights, After-school programs, and Community centers

Share Your Impact

- Showcase NAYGN's outreach across North America!
- Take photos of your event (with appropriate permissions).
- Submit photos and success stories to NAYGN Student Outreach.
- Encourage your employer to highlight volunteer efforts.
- Inspire other chapters by sharing lessons learned and activity ideas.
- **Quick Tip:** Photos showing volunteers interacting with students, hands-on activities, and classroom demonstrations often have the greatest impact.

Hands On Activities

Bring the Story to Life

Hands-on activities help students connect the story to real-world concepts while keeping them engaged and excited about learning. Select one or two activities based on the students' grade level, available time, and classroom setting. Most outreach events work well with a 10–20 minute activity following the story.

Play the Children's Book Videos

Marie and George both have animated and voiced videos that go along with the story telling. Playing the video after the book reading is a great way to bring the story life.

Display the Book on a Large Screen

For largeraudiences or larger spaces, use a large screen to display the PDFs, PowerPoints, or online version of the Books. Available on the website.

Activity Library

Kindergarten – Grade 1

Focus: Discovery and creativity

Activity 1: Coloring Nuclear Energy

or

Activity 2: Build a Colorful Atom

Grades 2 – 3

Focus: Atomic Structure and Chain Reaction

Activity 1: Candy Bohr Model
or

Activity 2: Chain Reaction with Dominoes

Grades 4 – 5

Focus: Engineering and critical thinking

Activity 1: Hello Amazing Atoms

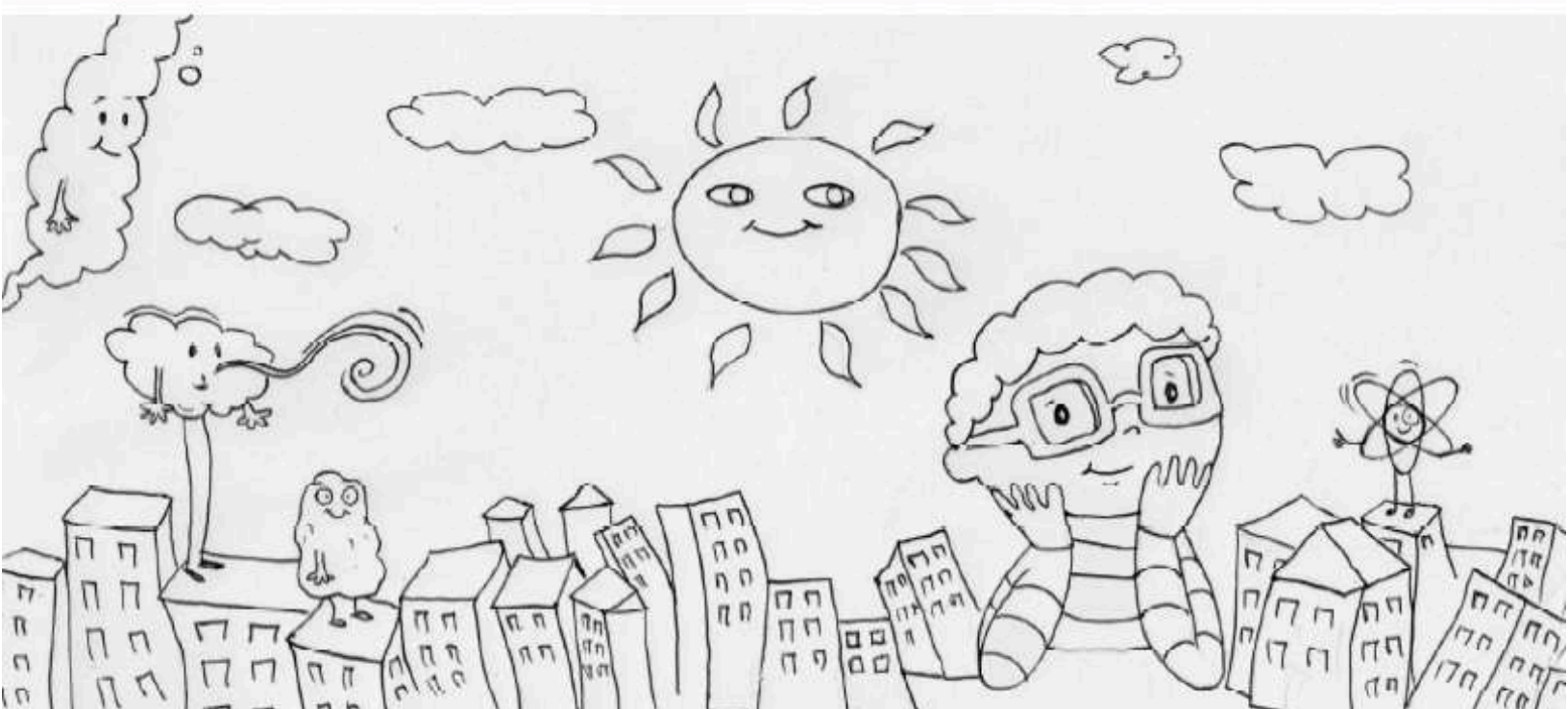
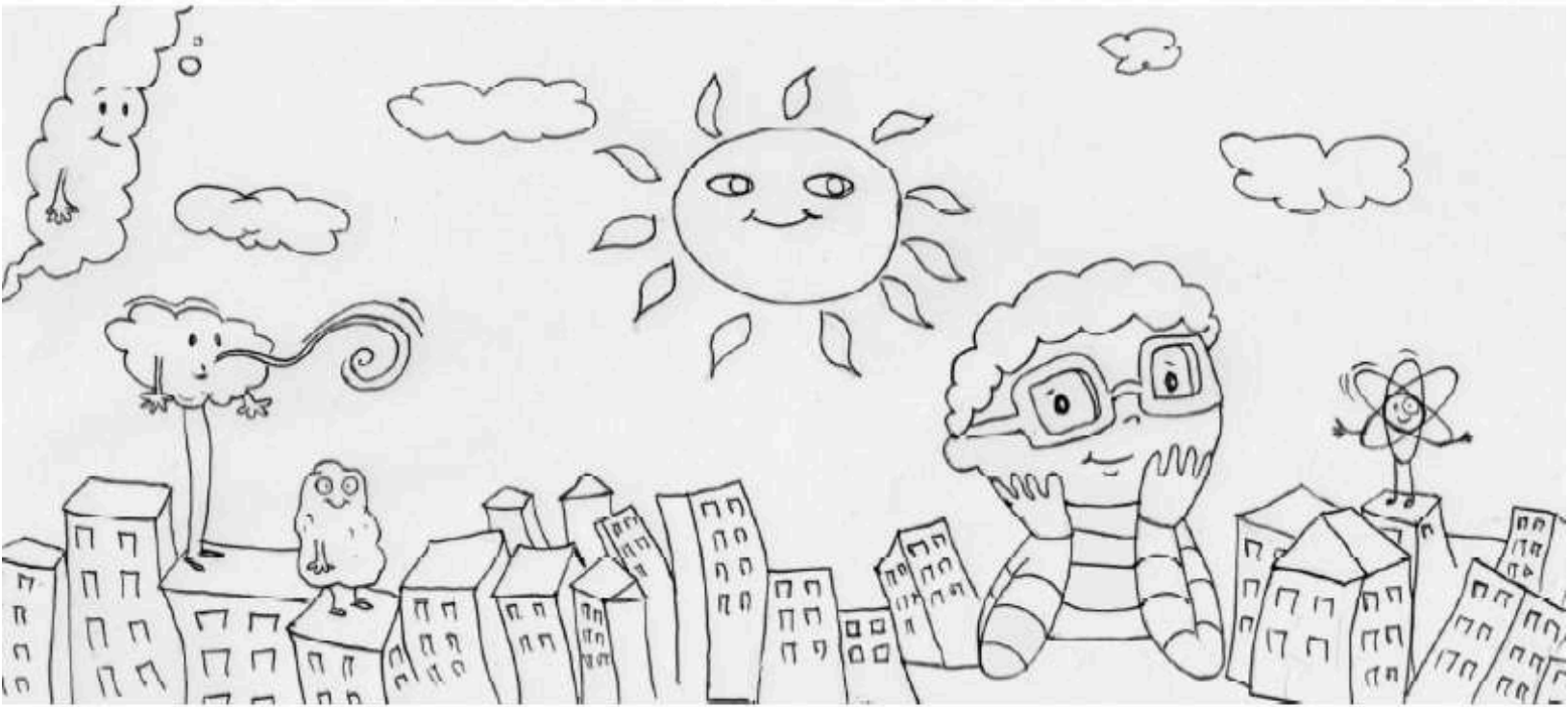
or

Activity 2: SNAP Circuits

Download Complete Activity Guides



Coloring Pages



Coloring Pages





Additional Resources

Before You Read

- ☐ Show the cover and ask students what they think the story is about.
- ☐ Introduce the main characters and themes.
- ☐ Build excitement before opening the book.
- ☐ Quick Tip: Let students make predictions before revealing the story.

During the Story

- ☐ Read slowly and use expression.
- ☐ Pause to ask questions and encourage participation.
- ☐ Invite students to predict what happens next.

After the Story

Ask a few discussion questions:

- ☐ What did you learn?
- ☐ What was your favorite part?
- ☐ Why is teamwork important?
- ☐ How does energy help our communities?

Transition into a hands-on STEM activity when possible.

Tips for Success

- ☐ Keep students engaged by asking questions.
- ☐ Use simple, age-appropriate explanations.
- ☐ Encourage every student to participate.
- ☐ Leave time for questions at the end.
- ☐ For younger kids, be interactive and show excitement.

Visit the [NAYGN Website](#) for more information:

- ☐ Classroom presentations
- ☐ STEM activities
- ☐ Discussion guides
- ☐ Student contests
- ☐ Outreach resources
- ☐ PDF and PowerPoint version of Books

If you have any questions, please email studentoutreach@naygn.org

Get the books [here](#) and [here](#).