



21st CCLC EXPLICIT ALIGNMENT & REPORT LANGUAGE

Steve Trash – Science Live Show

Program Activity Description (Ready to Paste)

The *Steve Trash Science Live Show* is a standards-aligned enrichment activity designed for K–8 students participating in 21st CCLC afterschool programming. The program uses interactive demonstrations, music, comedy, and age-appropriate science content to engage students in foundational scientific thinking. The activity emphasizes the difference between science and magic, the value of evidence-based reasoning, and the scientific method as a tool for understanding the natural world.

Alignment to 21st CCLC Program Goals

✓ Academic Enrichment – STEM

This activity supports STEM learning by:

- Reinforcing scientific vocabulary and concepts
- Introducing and practicing the scientific method
- Encouraging students to ask questions and seek evidence-based answers
- Building foundational science literacy in an engaging, nontraditional learning environment

✓ Critical Thinking & Problem Solving

Students:

- Practice distinguishing claims based on evidence from illusions or assumptions
- Learn to evaluate observations using experimentation
- Develop reasoning skills through discussion and reflection

✓ **Student Engagement & Attendance**

The live, interactive nature of the program:

- Increases student engagement during afterschool hours
- Encourages active participation and curiosity
- Supports positive attendance by offering high-interest enrichment programming

✓ **Safe & Supportive Learning Environment**

The program promotes:

- Respectful discussion and listening
- Curiosity without fear of being “wrong”
- A positive climate where students feel encouraged to ask questions and explore ideas

Student Outcomes Supported

As a result of this activity, students demonstrate:

- Increased understanding of basic scientific concepts
- Improved ability to describe the steps of the scientific method
- Greater confidence asking questions and explaining reasoning
- Increased awareness that science is accessible to everyone

Social-Emotional Learning Connections

Although science-focused, the program also supports SEL by:

- Encouraging curiosity and persistence
- Reducing fear of making mistakes
- Building confidence through hands-on learning and discovery

Family & Community Engagement

Students are encouraged to:

- Share science ideas and demonstrations with family members
- Explain the difference between science and magic at home
- Extend learning beyond the afterschool setting through conversation and curiosity

Evidence of Implementation

Programs may document participation through:

- Student attendance records
- Post-show discussion notes or reflection sheets
- Teacher or coordinator observations of student engagement
- Use of provided study guides and follow-up activities

Why This Activity Meets 21st CCLC Expectations

This enrichment activity:

- Supports academic growth outside regular school hours
- Aligns with state science standards
- Promotes critical thinking and inquiry
- Engages students through creative, hands-on learning experiences
- Provides meaningful, high-quality enrichment opportunities for diverse learners

Optional One-Sentence Summary (For APR or Site Report)

The Steve Trash Science Live Show provided engaging STEM enrichment for students by reinforcing scientific thinking, evidence-based reasoning, and the scientific method through interactive demonstrations and discussion.