COMMUNITIES IN SCHOOLS CARDBOARD CHALLENGE



2022 COMPETITION/EVENT GUIDE HANDBOOK

Communities In Schools
Rome-Floyd County

THANK YOU TO THESE SPONSORS OF THE 2022 CARDBOARD CHALLENGE!

ROME CITY SCHOOLS
EST. 1884

FLOYD COUNTY
THE ENCHANTED LAND
WHERE THE RIVERS MEET AND THE MOUNTAINS BEGIN

CareSource®

INTERNATIONAL PAPER

Science • Technology • Engineering • Arts • Mathematics

STEAM stands for Science, Technology, Engineering, Art, and Math. The thought process behind introducing STEAM to our youth is to expose them to a diverse yet interrelated variety of subjects that will be beneficial to the future prosperity of the American workforce and our society. STEAM teaches students how these subjects relate to each other, which will be integral as they grow into college age and are looking to begin their all-important career exploration.

With STEAM, arts were included into the previous incarnation of STEM because so many careers need that creative mindset! So, one may have a math degree, but to show off those numerical findings, being able to present it in a dynamic and understandable (artistic) way broadens the population that can grasp the concept.

The CIS Cardboard Challenge aims to cultivate student interest in the STEAM area in a fun and competitive way! Also, while stimulating the fertile young minds of our students, the event will promote aspects of teamwork, career development, and good old-fashioned ingenuity!

"The true sign of intelligence is not knowledge but imagination". – Albert Einstein



“Wonder is the beginning of wisdom”. – Socrates



“Creativity is the secret sauce to science, technology, engineering, and math”.
- Ainissa Ramirez, Award-Winning Scientist



"Sciences provide an understanding of a universal experience. Arts are a universal understanding of a personal experience... they are both a part of us and a manifestation of the same thing... the arts and sciences are avatars of human creativity".
- Mae Jemison, Engineer, Physician & NASA Astronaut



"You can teach a student a lesson for a day, but if you teach him to learn by creating curiosity, he will continue the learning process as long as he lives".
- Clay P. Bedford, President of Kaiser Aerospace & Electronics



STEAM CAREERS FOR THE 21ST CENTURY AND BEYOND

Educating our students on STEAM careers is so important! They need to know that their opportunities are endless! This is just a sampling of some the exciting STEAM careers that we can begin preparing them for!



COMMUNITIES IN SCHOOLS (CIS)
OF ROME-FLOYD COUNTY
CARDBOARD CHALLENGE

WHAT: The Communities in Schools (CIS) Cardboard Challenge is a fun, competitive, team-building event in which students use 100% recyclable materials to design and produce creations. Previous Cardboard Challenge submissions have included airplanes, office buildings, and pinball machines!

WHEN: The Cardboard Challenge will be held in two phases. **The "School Challenge" will be held at each individual school on Tuesday, March 22, 2022. The "Final Challenge" will be held Friday, March 25, 2022.**

WHERE: The School Challenge will be held at each elementary, middle, and high school. The Final Challenge will be held at the Rome High School College and Career Academy.

WHO: The CIS Cardboard Challenge is designed for students in grades 1 – 12 that attend the Rome City School System. Elementary School Teachers will lead the submission of creations of those students. Teachers may submit one (1) entry per category, for a total of three (3) entries per teacher. For competitive balance, creations will be judged in pods – grades 1-2, grades 3-4, grades 5-6.

Middle and High School students may submit one individual entry, one per student, in their chosen category. Their creations will be judged against each other.

WHY: Because STEAM careers are much in demand and students find STEAM so interesting and fun, CIS wants to cultivate that interest by providing this exciting event!

HOW: To apply, please complete the enclosed application. If you do not receive a confirmation of receipt within 48 hours, please contact me. After your application is processed, your Cardboard Challenge Supply Starter Kit will be delivered to your school front office. **Elementary School Teachers:** Your Starter Kit will not be all encompassing, however it will contain some basic items to get you started -- cardboard, scissors, tape, markers, and construction paper, etc. **Middle/High School students:** Supplies will be delivered to your school. Please make plans to pick up some from the contact STEAM contact at your school.

If you have any questions, please email Gregory Wooten, Executive Director of Communities in Schools (CIS) of Rome-Floyd County at gwooten@cisrome-floyd.org or call **(706) 802-5740.**

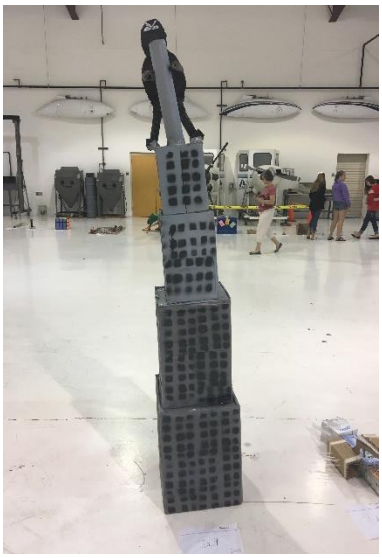
EVENT CATEGORY DESCRIPTIONS



GAMES

The entry must be a functional board, sports, or arcade game.

Past entries have included an old-school pinball machine, bowling, corn-hole, pop-shot basketball or you can create your game!



STRUCTURES

The entry may be any structure that currently stands or has in the past or one that comes from your imagination!

Past entries have included a bridge, a house, a skyscraper, a building, your school, a college, or a church!



TRANSPORTATION

The entry may be one of a current or futuristic mode of transportation.

Past entries have included an airplane, cruise ship, flying car, a jet pack, or space elevator!

JUDGING

The Cardboard Challenge judging will be conducted in a careful and above-board manner. The three criteria in which projects will be judged are as follows:

Using a 1 – 100 scale, each Cardboard Challenge entry will be judged using an "ABC" measurement. This is defined as:

- **Appearance** – is the entry aesthetically pleasing? Does it use color, detail and/or a certain style to make it visually appealing?
- **Build** – is the entry functional ("Games" category) and structurally sound (can it easily be moved without falling apart)? Does it incorporate an adequate ratio and diversity of recyclable materials (cardboard, plastic, aluminum, etc.)?
- **Creativity** – does the entry go beyond conventional thinking? Does it use imagination to elevate the category and clearly conveys its intended design?

*School Challenge Judges - Two (2) CIS Board Members per school
*Final Challenge Judges - Three (3) CIS Community Partner Representatives

School judging can take place at any designated area that is deemed safe and secure by school personnel at each individual school location. For space reasons, the primary preference would be the school gym, however the cafeteria or empty classroom could be options as well. ***Contestants who advance to the Final Challenge are responsible for transporting their creation to the Rome HS College and Career Academy so it can be judged on Friday, March 25 at 12 noon.***

PRIZE/AWARD STRUCTURE

School Challenge	**1st place (per category)**	**2nd place (per category)**	**3rd place (per category)**
Elementary	CIS-sponsored pizza party	CIS-sponsored pizza party	CIS-sponsored pizza party
Middle School/ High School	$25	$25	$25
Final Challenge	**1st place (per category)**	**2nd place (per category)**	**3rd place (per category)**
Elementary	$100 gift card	$50 gift card	$25 gift card
Middle School/ High School	$100	$50	$25
"Best in Show"	$100		
School Recognition	Each first-place winners' school will receive a plaque or trophy		

PROJECT CREATION IDENTIFICATION TAG

Please use the following to tag your creation:

Please Circle Your Category: Games Structures Transportation

Name of the Creation _____

Student/Teacher(s) name(s) _____

Please circle your Grade Pod 1-2 3-4 5-6 Middle School High School

Student(s) name(s) who created the project_____

_____

Team Name _____ Number of Students Participating _____

Number of T-shirts and Sizes:

_____ Youth Small _____ Youth Medium _____ Youth Large
_____ Adult Small _____ Adult Medium _____ Adult Large

COMMUNITIES IN SCHOOLS (CIS) OF ROME-FLOYD COUNTY
CARDBOARD CHALLENGE APPLICATION

***PLEASE CIRCLE AS IT APPLIES: TEACHER STUDENT**

School Name: _____ Print: _____

Phone: _____ Email: _____

Grade Pod: 1-2 3-4 5-6 Middle School High School

Signed: _____ Date: _____

Application/Entry Deadline: Monday, February 11, 2021; 5 pm
Return via email to: gwooten@cisrome-floyd.org or fax: 706-378-1118

*If you don't receive a receipt confirmation via email, please call Gregory Wooten, CIS Executive Director at 706-802-5740 or email gwooten@cisrome-floyd.org

RECOMMENDED SUPPLY LIST/SUGGESTED MATERIALS

*The items in bold will be provided by Communities in Schools.

CARDBOARD

Cardboard boxes (big, medium, small)
Cereal boxes
Shoe boxes

OFFICE SUPPLY/ART STORE ITEMS

Clear packing tape/Scotch tape
Scissors, Markers, Glue
Assorted colored construction paper
Pencils
Tempera paint
Brushes, S-hooks
Yarn
Prize tickets
Brown paper bags
Bags of confetti
Coffee cups (to cut apart)
Cotton Balls

RE-USED/RECLAIMED ITEMS

Aluminum
Empty strawberry containers, cupcake containers
Empty bottles and bottle caps
Egg/Milk cartons
Paper towel and toilet paper tubes
Old fabric, pillowcases or clothes cut into scraps
Old stuffed animals and toys

TOY STORE/HOME ITEMS

Bouncy balls (small and medium)
Mini basketballs, soccer balls
Army Men



