



NASEF
 NORTH AMERICA SCHOLASTIC
 ESPORTS FEDERATION™
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North America Scholastic Esports Federation 2021 Digital Rube Goldberg Machine Minecraft Contest



Big Build Challenge Team Guide Team Members and Adult Sponsors

Registration	2
Schedule	2
Big Build Challenge	3
Big Build Challenge Machine Specifications	3
Big Build Challenge Submission Requirements	4
Things to Keep in Mind!	5
Awards	6
Announcements	7
Communication	7
Reservation of Rights	7

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For any questions, please contact us at info@NASEF.org or read more on our website at www.NASEF.org.

Registration

All teams must follow the Registration Process and Rules as outlined by the [2021 Digital Rube Goldberg Machine Contest Team Guide](#):

“The 2021 Digital Rube Goldberg Machine Minecraft Contest Participant Guide (“Guide”) applies to each of the teams who register and compete in the competition, including their Players (“Players”) and Adult Sponsors (“Team”). These rules serve as a contract between Players, Teams, and NASEF and its affiliates involved in the operation of the Contest. These rules govern the competitive play, contest eligibility, team management and roster rules, player conduct, contest structure and schedule, and other binding terms. All Players, Adult Sponsors, and all other individuals participating in any NASEF activity (“Participants”) must read and agree to these Rules before opting in for competitive play.”

In order to participate in the Big Build Challenge, teams must be registered by Wednesday, March 3, 2021 by 5:00pm PDT | 8:00pm EDT | 11:59pm GMT (UTC).

Schedule

All Adult Sponsors and Teams must be aware of the following dates and deadlines:

- **Finals Challenge announcement:** Wednesday, January 20, 2021 @ 12:00pm PDT | 3:00pm EDT | 7:00pm GMT (UTC).
- **Rosters/Registration Closes for the Finals:** Wednesday, March 3, 2021 @ 5:00pm PDT | 8:00pm EDT | 11:59pm GMT (UTC).
- **Final Submissions Due to Flipgrid:** Wednesday, March 10, 2021 @ 5:00pm PDT | 8:00pm EDT | 11:59pm GMT (UTC).
- **Finals Announcement Stream:** Saturday, April 10, 2021 @ To Be Announced

Big Build Challenge

Our Big Build Challenge: Add “sprinkles” atop a cake!

Design a machine within Minecraft that concludes by accomplishing the simple task of adding sprinkles on top of a cake in the most complicated and hilarious way possible!

Note: Minecraft does not have sprinkles as an item! Your team will need to decide how your machine will represent the act of adding sprinkles atop a cake.

Big Build Challenge Machine Specifications

Objective: add “sprinkles” atop a cake	<u>Must accomplish objective</u>
License Edition	Minecraft Education <i>Teams may request licenses through NASEF.</i>
Minecraft World Types	Worlds must be new and original, including Flat, Infinite, Old OR Biomes
Minimum Number of Simple Machines	4 minimum
Minimum Number of Steps (Transfers of Energy)	10 steps minimum No maximum
Verbal Presentation Length	No minimum 2 minutes maximum
Run Time Length	1 minute minimum 5 minutes maximum
Commands	<u>Allowed</u>
Code Builder	<u>Allowed</u>
Mods	<u>Not allowed</u>
Texture Packs	<u>Not allowed</u>
3rd Party Editing Software (World Edit, MCEdit, Amulet, etc.)	<u>Not allowed</u>

Six Simple Machines: wedge, wheel + axle, screw, inclined plane, lever and pulley. [Visit our YouTube channel to review our past streams on the Rube Goldberg simple machines.](#)

Content: Any and all content generated, distributed, posted or published by Teams as part of the Submission must be tasteful and based on context and societal acceptability. **Submissions may not contain any content that:**

- is sexually explicit or suggestive;
- unnecessarily violent or derogatory of any ethnic, racial, gender, religious, professional or age group; profane or pornographic;
- is obscene or offensive;
- endorses any form of hate or hate group;
- defames, misrepresents or contains disparaging remarks about other people or companies;
- invades privacy;
- infringes the intellectual property rights of any third party; or
- violates any applicable law.

Machine Run Video Submission Details

Video Components	
Title Card	Optional, recommended
Verbal Presentation	Required
Machine Run	Required
Credits	Optional, recommended
Music	Royalty-free + openly sourced music only Optional, not required
Videos Must Include:	
Theatrical / Verbal Presentation Length	No minimum 2 minutes maximum
Run Time Length	1 minute minimum 5 minutes maximum

Big Build Challenge Submission Requirements

Big Build Challenge Submissions (“Submission”) must include:

1. ABOUT OUR TEAM

- a. Please confirm your team’s profile on the [NASEF RGMC Dashboard](#) is up-to-date and accurate before submitting. Flipgrid videos must be submitted to the Team’s corresponding division. Team names submitted to FlipGrid should match the NASEF RGMC site.

2. YOUR (2) MACHINE RUN VIDEOS, due to Flipgrid

- a. Your Team will need to include TWO Machine Run Videos
- b. Your Team’s Machine Run Videos must be of two different runs
 - These may NOT be two videos of the same machine run from different angles.
 - **For the machine run specifically, the machine must have the machine in view at all times with NO video editing or breaks.** Any evidence of editing during the actual Machine Run will result in disqualification.
 - Title Cards and Credits are allowed and recommended.
 - Verbal Presentations may be edited in, or recorded in connection with the Machine Run.
- c. Machine Run Videos must include:
 - VERBAL PRESENTATION: 2 minutes maximum
 - MACHINE RUN: 1 minute minimum, 5 minutes maximum
- d. Machine Run Videos may not exceed seven minutes.
- e. When submitting your videos to Flipgrid
 - Titles must include Team Name + Submission #, followed by your Team Machine’s Title.
 - Submissions must be submitted to the corresponding division as the Adult Sponsor has identified on the [NASEF RGMC Dashboard](#).
- f. **3/3 UPDATE:** Upon successful submission to Flipgrid, please include a link to both video takes to the [2021 RGMC Big Build Submission form](#).

3. YOUR MACHINE STEP LIST, due to 2021 RGMC Big Build Submission Form

- a. Step lists should be in order and accurate.
- b. Please list Simple Machines (wedge, wheel + axle, screw, inclined plane, lever, pulley) in **BOLD CAPS**
- c. Specifically point out the transfer of motion in (Parenthesis) like this example:
 - The cart rolls down the **INCLINED PLANE** and pushes a pressure plate. (cart to pressure plate)
 - The cart pushes a weight off a ledge. (cart to pressure plate)
- d. **3/3 UPDATE:** Step lists may be directly uploaded to the [2021 RGMC Big Build Submission form](#). The files should be submitted in PDF format.

4. YOUR SCREENSHOTS, due to 2021 RGMC Big Build Submission Form

- a. In addition to the FlipGrid video submissions, Teams must submit 3 screenshots of the machine in different angles, with two (2) required to be full, wide shots of the Machine.
- b. **3/3 UPDATE:** Step lists may be directly uploaded to the [2021 RGMC Big Build Submission form](#). The files should be submitted in any image or PDF format.

5. YOUR WORLD FILE (First Place Teams only)

- a. The winning teams of each division (Junior, Senior, @Home) will be asked to submit their world file upon selection. Winning teams are required to submit their world file in order to accept their win.
- b. Adult Sponsors will be notified via email upon selection of winners.

Things to Keep in Mind!

First Impression: When designing your machine, consider how interesting it looks from the start! Consider, does your team's machine have the 'wow' factor?

Theme: Build a recognizable theme into your Minecraft machine. Define the brand using skins, make-up, or props that make the verbal presentation enhance your storytelling.

Verbal Presentation: This is your team's chance to shine and be creative! We want to hear the story your machine tells, and understand how the steps represent the theme and key elements of your narrative. The Machine Introduction should not be a step-by-step explanation of how the steps work. This is where your personality, humor, and team spirit engages the audience and gets them excited to see your machine.

Simple Machines: The six simple machines are wedge, wheel + axle, screw, inclined plane, lever and pulley. [Visit our YouTube channel to review our past streams on the Rube Goldberg simple machines.](#)

Sound Effects: Successful machines use music, sound effects and other devices that engage the audience with their machine.

Humor: Rube Goldberg's machines began as cartoons solving a simple task in the most overcomplicated, inefficient, and hilarious way possible. In theory all of his wacky inventions would work, but his main goal was to make you laugh! Your Team's Machine should work but also need to capture attention. The most successful teams have diverse members from engineers to artists, coders to comedians, all working together.

Originality and Creativity: How does your team use the resources in Minecraft in innovative and unique ways? Think about going beyond what the item does in vanilla Minecraft! Additionally, consider how your machines react with one another. Machines should build suspense, with chain reactions being unexpected.

Teamwork: Teamwork is a huge part of having a successful Machine! Collaborate with your teammates with respect and purpose.

Plan enough time to build your machine: Making something look easy is hard – and it takes a lot of time. We recommend taking careful time to build, test and ready your machine for competition. Run your machine often-make sure the steps are all working as they should. The most successful machines are not built the week before they're due!

Awards

Finals

1st Place

Junior Division | Senior Division | @Home Division

- Each Team will receive:
 - (1) \$500 Amazon Gift Card (or equivalent at relevant online retailer)
 - (1) 30 minute mentoring session with a Minecraft Expert
 - (1) Team admission for 2022 Rube Goldberg Machine Contest
 - Individual official 2021 Digital Rube Goldberg Machine Minecraft Contest certificates
 - Showcased on the North America Scholastic Esports Federation website and social media

2nd Place

Junior Division | Senior Division | @Home Division

- Each Team will receive:
 - (1) \$250 Amazon Gift Card (or equivalent at relevant online retailer)
 - (1) 30 minute mentoring session with a Minecraft Expert
 - Individual official 2021 Digital Rube Goldberg Machine Minecraft Contest certificates
 - Showcased on the North America Scholastic Esports Federation website and social media

3rd Place

Junior Division | Senior Division | @Home Division

- Each Team will receive:
 - (1) \$100 Amazon Gift Card (or equivalent at relevant online retailer)
 - (1) Mentoring session with a Minecraft Expert
 - Individual official 2021 Digital Rube Goldberg Machine Minecraft Contest certificates
 - Showcased on the North America Scholastic Esports Federation website and social media

Top 50

Across All Divisions

- Each Team will receive:
 - Individual official 2021 Digital Rube Goldberg Machine Minecraft Contest certificates
 - Showcased on the North America Scholastic Esports Federation website and social media

Announcements

Large announcements, general information and ruleset can be found at the NASEF website. The website and emails will serve as an information hub for Teams.

Communication

Tournament updates, events, and general NASEF news will be emailed to Adult Sponsors throughout the competition. For questions, please contact info@NASEF.org.

Participants ages 13 and up (with guardian permission) and Adult Sponsors are also invited to join the [NASEF Community Discord](#) for questions and to connect with the community.

Reservation of Rights

NASEF reserves the right to cancel, suspend and/or modify the competition, or any part of it, if any fraud, technical failures, human error or any other factor within or outside of NASEF's control impairs the integrity or proper functioning of the competition, as determined by NASEF. If the competition is so terminated, NASEF reserves the right to determine the winners of said competition from among all non-suspect Participants.