



STEM COMMITTEE MINUTES

January 9, 2026

- **Agenda:**

- Attendance:**

- STEM Coordinator: Kyle Nolting
- Staff Liaison: Staci Ferguson
- Board Liaison: Stephen Bentley
- BFA Communications Officer: Kelley Marie
- New Primary-Chair: John Henson
- New Communications Officer: Tiffany Colglazier
- New Treasurer: Shawn Wan
- Members (Melanie Peters, Harry Yuan, Nick Colglazier, Alejendra Chapman, Joshua Napier)

- Reflect: Fall Family Fun Engineering Night**

- How was the competition??
 - Thoughts?
 - Went well!
 - Cool designs
 - Impressive bridges - some that didn't even break
 - Kiddos had fun building them
 - Wasn't a shortage of supplies
 - Glue stations were too far - not enough glue stations -
 - Glue wasn't warmed up fast enough
 - Some guns weren't working
 - Well planned judging - kudos to the lanning team for thinking through everything
 - Judging went as efficiently as it could
 - Add more judging stations
 - Judging is the most time-consuming portion of the event



- Judging builds a level of importance or value to the event
- Anything we can do differently for spring engineering night?
 - Budget - need to buy more glue guns
 - Socket limits where we can access the or station the glue guns
 - individually wrapped snacks
 - Build more efficiency into the judging criteria
 - Kits? - Given more time, would we have better designs
 - Pre-register for the event
 - Is this too much like Pinewood Derby?
 - Committee members need to not hurt themselves!!!
- Newsletter report -
 - Fall 2025 STEM Engineering Night - Newsletter Recap
 - I need help remembering who won!
 - Does anyone have a copy of the judging sheets?
 - Peterson Family
 - Bear? - actual last name?
 - Boltz? - actual last name
- Budget check in 2025-2026 BFA-STEM Budget Estimation
 - Items that we did not use from [Materials List](#)
 - Anything that we can return?
 - All receipts given to Halsley that need to be given to Halsley
 - Write up a thank-you letter for the BFA newsletter
- Immediate Planning: Spring Family Fun Engineering Night**
 - Thoughts for the upcoming (March 12th) spring family fun night?
 - Previous competitions:
 - Spaghetti tower
 - Paper airplane
 - Egg drop
 - This one was a winner but gave too many materials



- Balloon race car
- Ping Pong catapult
- Balsa wood bridges
- Thoughts:
 - boats - rain gutter regatta
 - Materials
 - Can store these and reuse them
 - (<https://www.capitolareascouting.org/shop/raingutter-regatta-inflatable-raceway/>)
 - Power pump that we could bring
 - pool noodle
 - precut strips and then cut them in half
 - construction paper
 - chop sticks/skewers might be too heavy
 - Made their own base -
 - water bottles - recyclable
 - light weight
 - Wooden dowels - would fall because too heavy
 - Glue
 - Judging
 - Heats
 - Sinking boats?
 - racing the boats?
 - vertical farming - future idea
- Committee leads
 - Who can be there?
 - Nick out
 - Jaymes out
 -
 - Supplies: John & Kyle
 - example:

✚ 4/12/2026 Spring Family Fun Engineering Night - Su...



- Rules:
 - example:
 - [W BFA Engineering Night Fall 2025- Judges Sheet .docx](#)
 - Promotion:
 - example:
 - [Family Fun Night Newsletter Nov 21 2024 - Announc...](#)
 - Presentation:
 - example: [BFA FFN 2025: Balsa Bridges Challenge](#)
- Future Planning: STEAM Expo**
 - Full steam (pun intended) ahead with contacting exhibitors! Use this form to list exhibitors and sign up for volunteering
 - [2026 STEAM Expo Planning](#)
 - Legacy campus
 - Exhibitors from previous years
 - [2025 STEAM Expo Planning](#)
 - [2024 STEAM Expo Planning](#)
 - [2023 STEAM Expo Planning](#)
 - Supplies needed?
 - [2023_STEM Expo Supply Purchases](#)
 - Add more medals for winners
- Planning 2026-2027 School Year Plan: Afterschool STEM events**
 - Talked about these briefly, but mostly will revisit for our next regular monthly meeting on January 8th
 - CodeNinja
 - Meeting next Tuesday 11/11 @ 1pm
 - Spirit Night Out
 - Parents night out
 - Last Friday of the month
 - Drop student
 - 5pm-8pm
 - Charge \$45 per student includes pizza
 - Coding activity



- Fun together
- Pizza included
- Offer to PTOs - fundraising
 - Split the proceeds
- Logistically
 - Flyers
 - Posters
 - Overview of activities, curriculum
 - No set dates
 - Last Friday of the month
 - Any other friday is open
 - Spring event
- Afterschool possibility
 - Come to school
 - coding class
- Mathnasium Meeting
 - Menu of options
 - Most likely
 - A: afterschool club/tutoring hosted by STEM Committee
 - Math Olympiads club hosted by STEM Committee
- Budget** + 2025-2026 BFA-STEM Budget Estimation
 - Teacher Support
 - 1st grade is looking to have Carson Nature Center
 - https://www.ssprd.org/Portals/0/South%20Platte%20Park/Bookth eNatureVan_web_0822.pdf?ver=2022-08-17-122739-857
 - Trebuchet clean up
- **2025/2026 School Year Schedule:**
 - a. Committee Meetings Information
 - [Schedule and Zoom link for the year](#)
 - Keep the January 15th meeting for committee leads?
 - Set February 19th as an in-person meeting?
 - b. Events! Mark your calendars :)
 - Spring Family Fun Engineering Night: March 12th



- In-person planning meeting
- STEAM Expo: May 1st 9 AM - 3 PM
- 3rd & 5th Grade Science Fair: May 4th - May 6th