Greetings Teachers and Mentors participating in the 2018 RM BEST robotics competition! This Newsletter provides information for Practice Day AND Game Day activities, schedules, parking and more.

**PRACTICE DAY Saturday, 20 October 2018**

Practice Day is at STRIVE Prep - RISE18250 E 51st Ave, Denver - southwest of the intersection of 51st Ave & Tower Road, not far from DIA. (Caution: some GPS systems do not go to the correct location when using the address.). A school map is included in this newsletter. We will follow this schedule:

9:00 AM Teacher Registration (Cafeteria) and Robot Compliance Check (Gym) Begins  
9:00 AM Technical Support Clinic Opens  
9:30 AM Marketing Presentations Judging begins – First session  
10:00 AM – Noon Open Practice – Referee and Pit Briefings at start – signup in pit w/ Open Practice Tally sheet  
11:00 AM Student Lunch in the Cafeteria with food available for purchase at Food Truck in the Parking Lot  
12:30 – 3:00 PM Structured Practice Matches - 4 teams per field, 3 minute matches, staging (on-deck & in-the-hole), referees, and scoring  
3:00 pm Event and Marketing Presentation Judging Ends

**Before Practice Day do these things:**

1. **Post** your team’s demographics form to your Dropbox by 9 AM on Practice Day. This is a requirement to compete on Game Day. YOU MUST also Print a copy to give to the Compliance team.  
2. **Post** your team’s Engineering Notebook in your Dropbox by 9 AM on Practice Day – correction from August newsletter. This is a requirement to compete on Game Day. Five Engineering Notebook examples are available at http://www.bestinc.org => Participants => File Manager => Public Resources & Training => Team Resources => Examples  
3. **Email Consent and Release forms** for your students and mentors to: registration@rockymountainbest.org. If forms are not received by 17 October your students may not be listed in the program. Students/mentors will not be allowed to participate in the events if these forms have not been provided.  
4. **Bus Parking Permit** – if you plan to bring a bus to Game Day on 27 October, you must sign up at this link no later than 20 October - http://signup.com/go/AsDbMGJ

**Remember these things on Practice Day:**

1. Bring a hardcopy of your team’s demographics form to compliance check on Practice Day.  
2. Complete the RM BEST Driver’s List with your list of drivers for the Game Day Matches. FORM Attached.  
3. Bring your robot, kit, and tools even if your robot is not working. Power tools limited to a drill. There will be people at Practice Day who can help. Bring your Returnable & Consumable kits and toolbox for repairs and / or compliance modifications.  
4. **Bring safety glasses REQUIRED to use the game field.** ALSO for drilling. The only power tool allowed is a drill. Please bring a drill block to protect tables.  
5. **Charged** batteries (7.2V robot batteries & AAA joystick batteries).  
6. **Optional BEST Award Marketing Presentations are in room 151.** Check in 15 minutes before your scheduled presentation time.

**TEACHERS/MENTORS REGISTRATION:** Teachers/mentors register in the Cafeteria to obtain pit wristbands and students then bring their robots and tools to the gym to their team’s pit table.  
**PIT AREA:** Your team will have access to a table in this restricted area and only FIVE members of your team and ONE teacher or mentor will be allowed in at a time. You will receive pit bracelets for each of the 6 individuals which may be exchanged for other team members during the day. All other team members may use the bleachers in the gym or the cafeteria. All pit rules are in the Pit Protocol, please review to avoid issues. Pit Boss will manage the open practice tally list in the pit.  
**ROBOT COMPLIANCE IN THE PIT:** In the pit at the compliance tables, you will register your team in the cafeteria and each robot will be inspected for compliance. Passing compliance is not required for Practice Day, but will be required to compete on Game Day.  
**FOOD:** STRIVE Prep – RISE School has arranged for a food truck. The cafeteria is open for seating should you bring your own food. STRIVE Prep - RISE student group will have concessions for sale.
GAME DAY Saturday, 27 October 2018

Game Day competition will be held at the Auraria Campus Events Center (aka Gym) in Denver. Parking instructions, an Auraria parking map, and a facility map are attached. Note in the attached map that there are separate entrances for Teams and Guests; for Teams carrying Robots and Tools; and BEST Award Teams carrying Exhibits (because of safety).

The event is free and open to the public. Invite mascots, cheerleaders, school band, parents, siblings, relatives, neighbors, and friends! All are welcome!

7:30 am Team Registration and Robot Compliance Check Begins
9:00 am Team Exhibits & Interviews (Lobby) (until 2:00 PM)
9:45 am Opening Ceremony **All team members must be in the bleachers and out of the pit area.**
10:00 am Seeding Matches Begin
11:00 am **Pizza snack will be available for registered team members, teachers and mentors** (until 12:30)
3:00 pm Wildcard Match
3:30 pm Semi-Final Matches
4:00 pm Final Matches
4:30 pm Awards Ceremony and Photos
5:00 pm Conclusion of Game Day
5:10 pm Regional Briefing for Winning Teams (Upstairs in Room overlooking Game Field)

PARKING-CARS: Each will receive 2 parking passes with validation codes (PAGE 3 & 4) for FREE Game Day Parking. Additional cars will have to pay the parking fee. Parking map attached. One option is to use Auraria Holly Parking lot in Google Maps for parking lot close to facility and Drop Off location. PARKING-BUSES: Please park the buses in the Elm Parking lot as shown in the attached map. Please drop students, robots, etc. off at the King Center Drop Off on Lawrence Way as marked on the attached map. Use Auraria Holly Parking lot in Google Maps for Drop Off location.

PIT AREA: Your team will have access to a table in this restricted area and only FIVE members of your team and ONE teacher or mentor will be allowed in at a time. You will receive pit bracelets for each of the 6 individuals which may be exchanged for other team members during the day. All other team members may use the bleachers in the gym. All pit rules are in the Pit Protocol, please review to avoid issues.

ROBOT COMPLIANCE IN THE PIT: In the pit at the compliance tables, each robot will be inspected for compliance. Total compliance is required on Game Day.

FOOD / DRINK: Starting at approximately 11 AM until 12:30 PM, we will have half a small pizza for each registered student, mentors, and teachers. We ask your teams to bring personal water bottles to reduce our use of plastic. Suggest the water bottles are labeled with person’s name.

CHECKOUT AFTER 3:00 PM in PIT: Teams return returnable kits in Red Totes and their Blue totes OR submit “Request for Loan of Returnable Kit Form” (signed by teacher, not student). FORM Attached.

Remember these things on Game Day:
1. Complete the RM BEST Driver List with your list of drivers for the Game Day Matches. FORM Attached with space to list your drivers and explaining the requirement.
2. Bring your robot and your red and blue totes and any remaining materials from your Consumables kit we may use in 2019. If you complete the attached Request for Loan of Returnable Kit Form prior to leaving on Game Day you may retain your kit until as late as 28 February 2019.
3. Bring safety glasses REQUIRED to use the game field. Also for drilling. The only power tools allowed are a drill. Please bring a drill block to protect tables.
4. Bring charged batteries (7.2V robot batteries & AAA joystick batteries).
5. Parking - 2 Paper Passes w/ codes (receive on Practice Day if there) and/or Codes (on pages 3 and 4)

Good luck to all!
Linda King
Rocky Mtn BEST
Cell phone (303-829-4511 text only)

“Like” Rocky Mountain BEST on Facebook at https://www.facebook.com/RockyMountainBest
Follow on Twitter @rockymtnbest Use #Thanks2BESTRobotics #CurrentEventsBestRobotics for this year’s game
Upload your videos and join us for fun on YouTube at user rockymountainbest

ATTACHMENTS: STRIVE Prep-RISE School Maps, Auraria Parking Instructions, Auraria Parking Map, Auraria Event Center Map, Driver List Form, Kit Loan Form 2018 Request for Loan of Returnable Kit
Practice Day 20 October – STRIVE Prep-RISE

Rocky Mountain BEST Practice
Saturday 20 October
8:30AM: Marketing Presentations
9 AM: Teacher Registration
10AM: Open Practice
12:30PM: Scheduled Matches
3 PM: Event End

STRIVE Prep – RISE
18250 E 51st Ave, Denver

Evie Garrett Dennis
Campus - DPS

Green Valley Ranch Blvd
Game Day 27 October Auraria Parking Instructions

CARS

- All lots including Tivoli and 7th Street parking garage have a pay station which you use the 7 digit code on your paper parking pass as a validation code (or enter code listed below) to “pay” at the station.

After parking, go to the pay station.
1. At the pay station you will have two options: pay the fee or the validation option. Select VALIDATION.
2. You are then prompted to enter your LICENSE PLATE; press DONE when complete.
3. A new display will ask for a VALIDATION code. Once the validation code is entered, a paper receipt will be printed and released below the display. Please keep your receipt.

Please keep your receipt and pass in case there are parking issues.

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<th>Parking Validation Code</th>
<th>School</th>
</tr>
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<tr>
<td>1083083</td>
<td>Monarch High School</td>
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</tbody>
</table>

**BUSES**

Students will be dropped and picked up at the Drop off location in front of the King Center on Lawrence Way as marked on the map. Buses then park in the Elm Parking lot also marked on the Auraria parking map.

See next page for Auraria parking map

[https://www.ahec.edu/files/general/Parking-Map.pdf](https://www.ahec.edu/files/general/Parking-Map.pdf)
Game Day 27 October– Auraria Parking Map

[Map with instructions and parking areas]

https://www.ahec.edu/files/general/Parking-Map.pdf
Game Day 27 October – Auraria Event Center Floor Plan Map

Walk from Parking Lots
Volunteer Access to 2nd Floor
2nd Floor
Stairs
Stairs
Exhibit Drop Off

N

Exhibit Teams & Guests
BEST Award Team Exhibits
THE PIT
Game Field
Audience Bleachers
Men’s Bathroom Women’s
Robot + Tool Drop Off

Teams and Volunteers
Elevator
Registration
FIRST FLOOR AURARIA EVENT CENTER FLOOR PLAN

JUDGES ROOM 2nd FLOOR
Volunteer Room (111G)
Driver List

Event: Practice / Game

School Number: _______  Team Members at the Event: ____
School Name: _________________________________

Please print legibly. List due at Robot Compliance Check-In at Practice Day & Game Day.

1. ____________________________________________
2. ____________________________________________
3. ____________________________________________
4. ____________________________________________
5. ____________________________________________
6. ____________________________________________
7. ____________________________________________
8. ____________________________________________
9. ____________________________________________
10. ____________________________________________

From the BEST Competition Rules Game Rules:
“Only one person per match is allowed to drive the machine (i.e., operate the VEXnet Joystick). Prior to the competition, each team must submit a driver list to the organizers. The minimum number of student team members on the driver list is shown in the following table:

<table>
<thead>
<tr>
<th>Student team members present at competition</th>
<th>Minimum number of students on driver roster</th>
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<tr>
<td>2-4</td>
<td>2</td>
</tr>
<tr>
<td>5-6</td>
<td>3</td>
</tr>
<tr>
<td>7-8</td>
<td>4</td>
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<tr>
<td>9 or more</td>
<td>5</td>
</tr>
</tbody>
</table>

The drivers will operate the robot in sequential order, starting with driver 1. When the end of the list is reached, the list will be repeated again until no matches are remaining. This rotation will occur throughout the entire competition (seeding, wildcard, semi-final and final rounds).”
2018 Request for Loan of Returnable Kit

Teacher__________________________________

Email____________________________________

School ________________________________ Phone No. ________________

My team requests an extended loan of our Returnable Kit #_______ for this purpose ________________________________.

I agree to return the Kit and all of its contents in good working order during the week of ________________________________.

All Kits are due no later than February 28, 2019 (unless approved by Carolyn Bauer via email at cbauer@rockymountainbest.org)

Please contact Carolyn Bauer via email with your kit return plans. Extended loan Kits should be returned to a coordinated location OR:

Carolyn Bauer
Rocky Mountain BEST
781 Vallejo St.
Denver, Colorado 80204

I understand that if the Kit is not returned by the agreed upon date my school will be notified of the delinquency.

Signed ________________________________ Date __________________________