



Rocky Mountain BEST

(Boosting Engineering, Science & Technology)



2018 Practice & Game Newsletter – **PLEASE PRINT**

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	<u>Structured Practice Matches</u> - 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 and attend 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 <u>All team members must be in the bleachers and out of the pit area.</u>
10:00 am	Seeding Matches Begin
11:00 am	<u>Pizza snack will be available for registered team members, teachers and mentors</u> (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)

Websites: <http://rockymountainbest.org/> <http://bestinc.org/> <http://www.vexrobotics.com/>

"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



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.



Pay Station

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

Parking Validation Code	School	Parking Validation Code	School
1083056	Abraham Lincoln High School	1083084	Montrose High School NJROTC
1083057	Abraham Lincoln High School	1083085	Montrose High School NJROTC
1083058	Aurora Frontier P-8	1083086	Mrachek Middle School
1083059	Aurora Frontier P-8	1083087	Mrachek Middle School
1083060	Aurora Quest	1083088	New Vista High School
1083061	Aurora Quest	1083089	New Vista High School
1083062	Bishop Machebeuf High School	1083090	North Middle School
1083063	Bishop Machebeuf High School	1083091	North Middle School
1083064	Broomfield High School	1083092	Sacred Heart of Jesus School
1083065	Broomfield High School	1083093	Sacred Heart of Jesus School
1083066	Columbine Middle School	1083094	Skyline High School
1083067	Columbine Middle School	1083095	Skyline High School

Parking Validation Code	School	Parking Validation Code	School
1083068	DSISD	1083096	St Mary's Academy Middle School
1083069	DSISD	1083097	St Mary's Academy Middle School
1083070	DSST: Byers	1083098	STRIVE Prep – RISE
1083071	DSST: Byers	1083099	STRIVE Prep – RISE
1083072	DSST: Cole High School	1083100	STRIVE Prep – Excel
1083073	DSST: Cole High School	1083101	STRIVE Prep – Excel
1083074	DSST: Stapleton High School	1083102	Thomas Jefferson High School
1083075	DSST: Stapleton High School	1083103	Thomas Jefferson High School
1083076	East Middle School	1083104	Westgate Community School
1083077	East Middle School	1083105	Westgate Community School
1083078	Gateway High School	1083106	Westminster High School
1083079	Gateway High School	1083107	Westminster High School
1083080	Heath Middle School	1083108	DSST: College View High School
1083081	Heath Middle School	1083109	DSST: College View High School
1083082	Monarch High School		
1083083	Monarch High School		

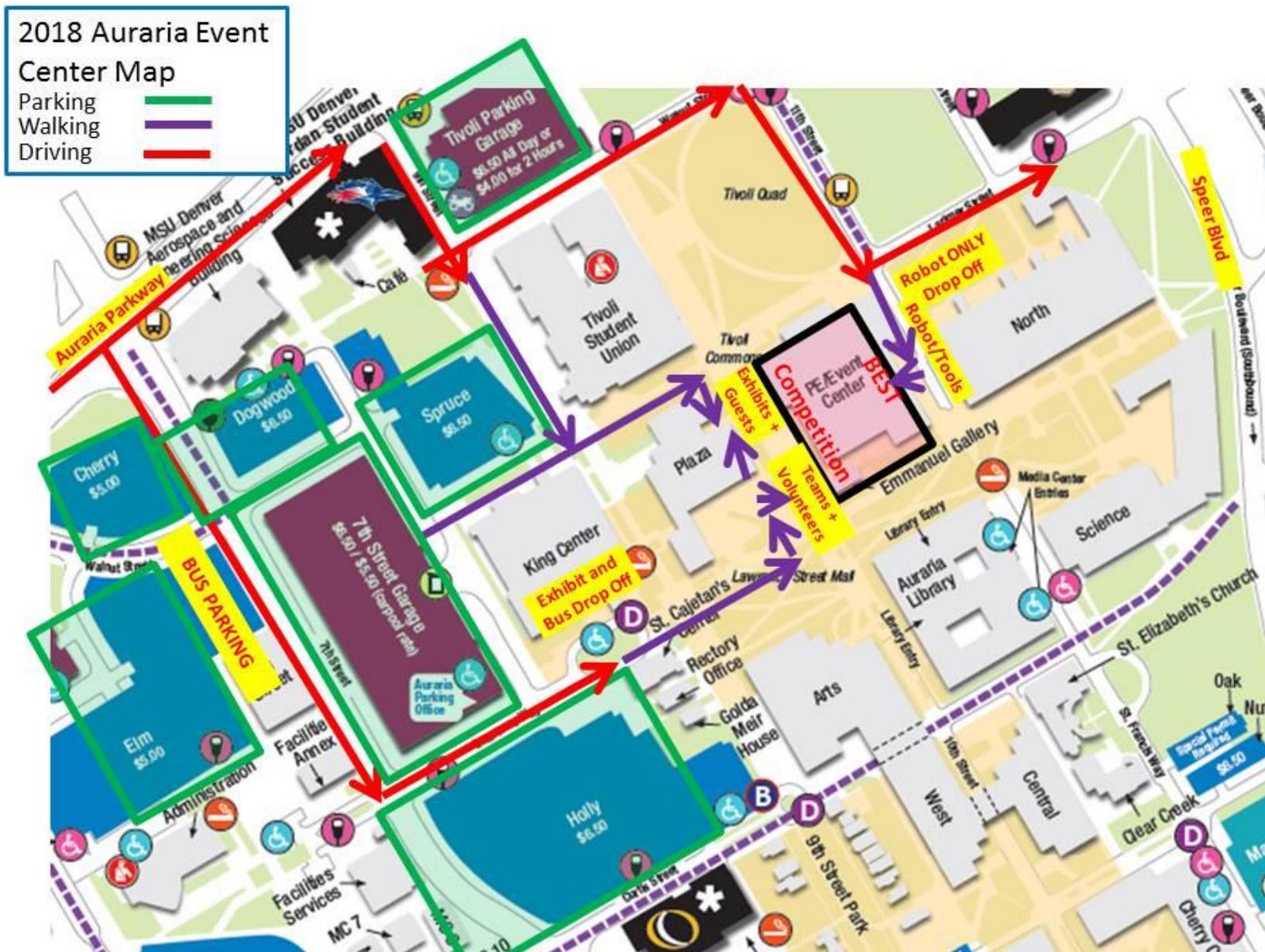
BUSES

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

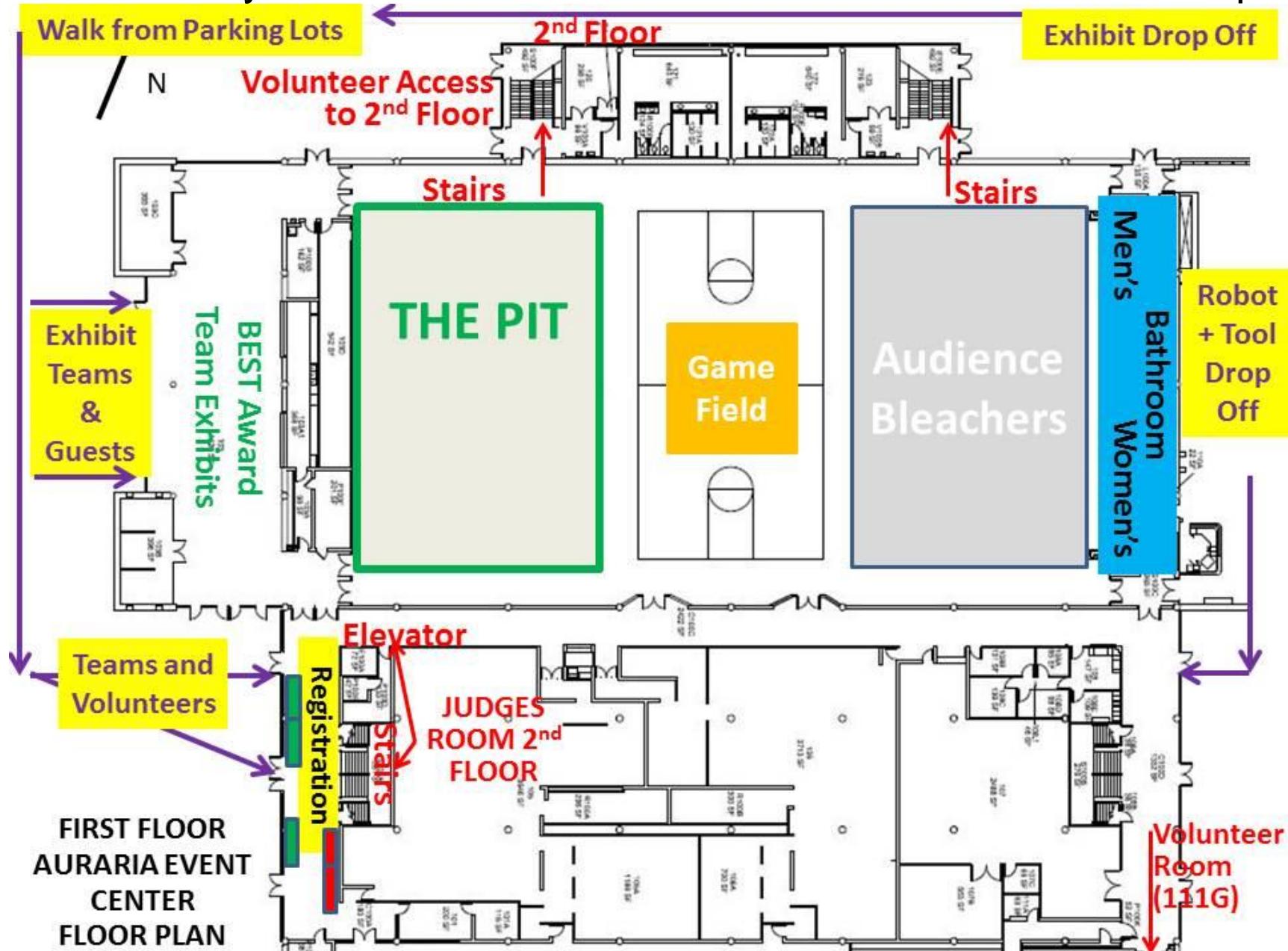
<https://www.ahec.edu/files/general/Parking-Map.pdf>

Game Day 27 October – Auraria Parking Map



<https://www.ahec.edu/files/general/Parking-Map.pdf>

Game Day 27 October – Auraria Event Center Floor Plan Map





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:

Student team members present at competition	Minimum number of students on driver roster
2-4	2
5-6	3
7-8	4
9 or more	5

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 _____