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# NC Royal Ambassadors Race Car Championship



**April 20, 2024; 8:15-4:00**  
**Charity Mission Center Rose Hill**



# ROYAL AMBASSADORS

## NC RA RACE CHAMPIONSHIP INFORMATION

Saturday, April 20, 2024 @ Charity Mission Center Rose Hill, NC.

Thank you for your interest in NC Royal Ambassadors and children's mission education! Please read the below information to prepare for the state RA car race championship. If you have questions about this event please contact James Byerly our Race Director: [raracedaync@ncbaptist.org](mailto:raracedaync@ncbaptist.org).

### **Registration**

Register online at <https://baptistsonmission.org/programs/royal-ambassadors>. If you have questions about registration or payments contact: 1.800.395.5102 ext. 5596 or [missions@ncbaptist.org](mailto:missions@ncbaptist.org). **Advance registration is required by April 6, 2024.**

**Mission Fair projects are required to participate in the race for all racers including adults.** See the race rules for details. **See new rules concerning the option for Digital Mission Fair Projects, as well as Physical Display Projects!**

We will receive a missions offering during the event. The designation is to be determined closer to the event.

### **SAMPLE SCHEDULE** **(Subject to Change)**

8:15 am – 9:00 am	Registration Begins
9:35 am	Opening program in the main gym
10:30 am	<b>1<sup>ST</sup> RACES BEGIN</b> Boys – 1 <sup>st</sup> -3 <sup>rd</sup> grade Girls – 1 <sup>st</sup> -3 <sup>rd</sup> grade Boys – 4 <sup>th</sup> – 6 <sup>th</sup> grade Girls – 4 <sup>th</sup> -6 <sup>th</sup> grade
11:45 am	Lunch – for those who have not raced yet / Mission Fair exhibits are open to view
12:30 pm	Lunch – for those who just finished racing / Mission Fair exhibits are open to view
1:00 pm	Award for Missions Fair and first set of races
1:45 pm	<b>2<sup>ND</sup> RACES BEGIN</b> Boys – 7 <sup>th</sup> -12 <sup>th</sup> grade Girls – 7 <sup>th</sup> – 12 <sup>th</sup> grade All Adults
3:15 pm	Awards for 2 <sup>nd</sup> set of races
4:00 pm	Depart

# 2024 NORTH CAROLINA STATE RA RACE DAY

## CAR CHAMPIONSHIP RULES

- A. **GENERAL:** The RA Race Car Championship is an interest activity provided for RAs, Challengers, girls of all ages, and adults. This event exists to create meaningful relationships between children and adults as they build the race cars and to encourage all of us to be making disciples as we do life. Though there are categories for Challengers, girls and adults, this is still an RA event.
- B. **PURPOSE:** This document exists to provide rules and regulations for the conduct of NC's State RA Race Day car championship. **It is imperative that Race Coordinators at all levels, RA Directors, RA Leaders, all competitors, and parents of young competitors read and understand these rules and regulations.** Local event Coordinators should adhere to these rules and regulations when conducting races at the church and associational levels.
- C. **CATEGORIES OF COMPETITION:** There are fourteen categories in the competition.
1. Race categories;
    - Lads – boys in grades 1-3; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Crusaders – boys in grades 4-6; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Challengers – boys in grades 7-12; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 1-3; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 4-6; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 7-12; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Adults – men and women of all ages; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
  2. Best of Show categories:
    - Lads – boys in grades 1-3; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Crusaders – boys in grades 4-6; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Challengers – boys in grades 7-12; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 1-3; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 4-6; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Girls in grades 7-12; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
    - Adults – men and women of all ages; Trophies awarded for 1<sup>st</sup> and 2<sup>nd</sup>; ribbon for 3<sup>rd</sup>
- D. **ENTRY REQUIREMENTS:**
1. **Any participant (Grade 1-adult) from a church in North Carolina may choose to come compete at this event. Regardless if an associational race was held or not, or standing at an associational race.**
  2. **All participants (including adults) in the NC State Championship must also enter a Missions Project display.** Missions Project displays are described later in this document under Section J.
  3. **Registration:** All participants in the state event must be registered to enter. **Please register online by April 6, 2024** at <https://baptistsonmission.org/programs/royal-ambassadors> or you may contact [missions@ncbaptist.org](mailto:missions@ncbaptist.org) or call 1.800.395.5102 ext 5596. Participants are encouraged to register early. Other race information including directions will be emailed upon confirmation of your registration.
- E. **GENERAL RULES:**
1. Car kits may be purchased from [www.royalracers.com](http://www.royalracers.com) as this ensures consistency in cars and this company supports Royal Ambassadors. The Royal Racers can be reached online at [www.royalracers.com](http://www.royalracers.com), by phone at (931) 935-8201, or through the mail at 192 Lovejoy Road, Sparta, TN 38583. Please order ¼ inch tapered wheels. **Boy Scout cars and wheels are not allowed to race in an RA event.**
  2. All cars participating in the State RA event must have been built this year (between last year's event and this event).
  3. All cars entered must have been built by the person entering/racing the car in the competition. Adults (fathers, mothers, RA Leaders, others) may assist children with the building of their cars, but most of the work must be completed by the children.

4. A car that has been entered in another event, other than a church or association sponsored RA event will not be permitted to enter the state competition.

#### F. SPECIFICATIONS:

1. The current year (for example: 2023 or 2024) must be carved, burned, or stamped onto the bottom of the car.
2. The bottom of a car may be painted.
3. The overall width of a car cannot exceed 2  $\frac{3}{4}$  inches.
4. The minimum width between wheels (inside wheel to inside wheel) is 1  $\frac{3}{4}$  inches. This ensures that the wheels will fit on the lane guides.
5. The overall length of a car cannot exceed 7  $\frac{3}{8}$  inches.
6. Wheels cannot protrude from the front end or rear end of a car thus adding to its overall length. An easy way to test this is to stand the car in its nose.
7. The overall weight of a car cannot exceed 5 ounces. The car may be hollowed out and filled in with putty, wood, or metal to add weight as long as it is securely built into the body or bottom of the car. Liquid metals, i.e. mercury, or other moving weights are not allowed. Materials may not be taped to a car to add weight.
8. The addition of any material or object between the wheel and the car is strictly prohibited. Wheel bearings, washers, and bushings are not allowed. Simply using the axles/pins/nails contained in the kit will guarantee adherence to these rules.  
**Only graphite may be used to lube the wheels. Do not place stickers over the axles/pins/nails; the head must be visible.** Liquid or white powdered lubrication is not allowed.
9. Solid, one piece axles, connecting to both wheels, in the front or back of the car are not allowed. Again, simply using the axles/pins/nails contained in the kit will guarantee adherence to these rules. Axle spacing may be adjusted but not to the extent that it violates one of the other rules.
10. Cars must include all wheels and axles/pins/nails. (Cars with three or less wheels will not be allowed)
11. Wheels cannot be greater than 1  $\frac{1}{4}$  inches in diameter nor have a radius greater than  $\frac{5}{8}$  of an inch. Wheels cannot be thicker than  $\frac{1}{4}$  of an inch. The reshaping of wheels for structural or decorative purposes is not allowed. The burrs may be removed from the wheels, but the wheels may not be smoothed to a sharpened point or flattened.
12. The car cannot ride on any type of springs. Suspension is prohibited.
13. The distance between the bottom of the car and the bottom edge of the wheels must be  $\frac{3}{8}$  of an inch or greater. This chassis to track clearance will prevent the car from bottoming out and dragging on the lane strip in the center of the track.
14. The car cannot have starting devices. It must be free-wheeling.
15. Details such as steering wheels, drivers, decals, paint, and interiors can be added to the car as long as the car does not exceed the maximum weight limit.
16. The front of the car cannot slope up on the bottom nor have indentions cut into the bumper or bottom. Nothing may protrude from the front of the car. These modifications could give the car an unfair starting advantage.
17. Track specifications can be obtained by contacting [www.royalracers.com](http://www.royalracers.com) or by using the contact information provided above.

#### G. BEST OF SHOW

1. All Best of Show entries must also meet the racing specifications, rules, and regulations.
2. Participants may not enter their car in both the Race and Best of Show categories at the state level. A choice must be made between the two. Exception: A participant may enter a different car in the Race and another car in Best of Show.

#### H. **ADULT COMPETITORS:**

1. Adults **ARE REQUIRED** to enter a Missions Project display in order to compete. (*See next page for suggestions*)
2. Adults entering cars in the competition are expected to spend as much time working with children and mission projects as they spend working on their cars.

#### I. **EVENT PROCEDURES:**

1. All competitors must be checked-in at the registration desk before the race can start (**please plan to be in line no later than 8:45 am**). Upon arrival, each participant and their guests will be given directions and instructions for the events that follow.
2. All cars, in all categories of competition, will be inspected by the event staff following registration. Cars that pass the inspection will be placed in the impound area. Cars that fail the inspection will be sent to the pit area. The pit area will have tools and materials needed to adjust cars or correct most discrepancies. Once a car has been adjusted or corrected, it must be re-inspected.
3. Once a car has been placed in the impound area it cannot be touched by competitors.
4. The event staff has the right to disqualify any car in any category that cannot pass the inspection.
5. Once the race begins, only the person racing the car will be allowed to place the car onto the track. Cars will be started by gravity from a standstill. Pushing will not be allowed.
6. This is a double-elimination event. Each car will get the opportunity to race twice.
7. The front end of the car that first crosses the finish line is the winner.
8. If either car leaves the track on the first run, there is "no contest." The race will be run again. If the same car leaves the track again, it loses the race.
9. If both cars cross the finish line at the same time resulting in a tie, a coin toss will be used for lane choice, and the cars will race again. The car that crosses the finish line first is the winner.
10. Cars will be raced by the builder. If there is a sudden emergency on the day of the event, and the builder is unable to race, the Event Director may allow a car to be raced by a proxy from the same category of competition.
11. This event can be quite competitive but it should always be fun for the children. Adults should ensure they are setting a good example of polite and clean competitiveness.
12. The Event Director, with the assistance of the State RA Director, will handle any appeals during the event and shall have the final authority over such matters.

#### J. **MISSION FAIR PROJECTS – GENERAL RULES:**

1. All participants (including adults) in the State Competition must enter a Mission Project Display to compete in the race. Physical display projects may be submitted online as well as digital projects. See requirements below.
2. Participants will compete in the same categories that are used for the Race and the Best of Show. Rewards will also be the same.
3. Mission Project Displays do not need to win at the association event to be entered at the state level.
4. Mission Project Displays must be presented at the registration desk upon arrival. They will be displayed in a separate room from other events.
5. Each entrant will write their name, grade, and church clearly on the back of the displayed item.
6. The maximum size for all displays is 36 x 48 inches.
7. Mission Projects will be judged using the following criteria:
8. Missions Theme: Is the mission theme clearly defined and is it evident throughout the display? (Up to 20 points)
  - a. Creativity: Does the display show originality and is it evident that the child was a major participant in the project? (Up to 20 points)
  - b. Communication: Does the display arouse mission interest, tell a clear story, and contain appropriate titles and captions? (Up to 20 points)
  - c. Education: Is the information about the mission accurate and do the displays teach missions? (Up to 20 points)
  - d. Design and Mechanics: Is the design related to missions; are the number of items appropriate for the display; does color, shape, size, and movement add to the display? (Up to 20 points)
9. Local event Coordinators are highly encouraged to include the addition of requiring Mission Project Displays when conducting races at the church and association levels.

K. **PHYSICAL MISSION PROJECT DISPLAYS:**

1. Anything that demonstrates the entrant's participation in a mission that involves fulfilling the great commission or a type of mission education may be entered as a Mission Project Display. The display could be a poster; a collection of items (such as pictures, coins, or group of articles; a scrapbook; a constructed project; a map or chart 9or series of each); a written program; a match-up board; or a game. Tri-folds are an excellent way to display your involvement in a mission project. This requirement is not meant to be cumbersome, but to provide a means for adults to gauge a child's progress in mission involvement and mission study.

2. The display can be of an individual or RA Chapter project. Each racer entrant must enter a separate display. It must contain a creative write-up about the entrant's participation and what the mission meant to him or her. Adults may help the children write their explanations, but they should be written using the child's words and thoughts. Please do not let every boy or girl from the same church or association use the same concept in his or her display.

L. **DIGITAL MISSION FAIR PROJECTS:**

**NEW! Digital Mission Fair Projects are acceptable and encouraged. Any student or adult may choose to create a video, digital slideshow, or other media of choice to convey their participation in a mission project as previously mentioned.**

1. **All digital projects must be submitted and uploaded no later than April 10, 2024 [HERE](#).**
  - a. **One project/participant per submission. You may use the same email address for each participant if necessary. (IE: one parent's email for multiple sibling's submissions, or church leader handling the entire group.)**
  - b. **You will receive an immediate automated response that we have received your submission.**
  - c. **Within 7 days you will receive an email confirmation that your project has been personally reviewed. You will either be notified that there were no technical difficulties, and you are good to go, or you will be given further instructions should there be a problem**
  - d. **Please print the final confirmation and bring with you to speed up your registration process.**
2. **Digital Mission Fair Projects will be graded with the same criteria as physical displays. All projects, regardless of type will be graded together in their appropriate age category.**
3. **Digital Projects will be shared on the big screen for all to see.**
4. **Physical display projects may be submitted online as well. Please take close-up pictures for accuracy in judging.**
5. **If you submit your project online you are only required to bring the personalized email confirming your project has been personally reviewed.**

M. **POINTS OF CONTACT:**

1. If you have questions concerning any of these rules and regulations, please contact James Byerly, the NCBM RA Car Race Director: [raracedaync@ncbaptist.org](mailto:raracedaync@ncbaptist.org) .