PUTTING ALL THE PIECES TOGETHER

INSTRUCTIONS: COMPLETE THE PUZZLES TO FIND TWO IMPORTANT NASCAR SAYINGS OR PHRASES.

**Puzzle One: Chain Reaction**
Complete the word chain with terms that relate to NASCAR. Clues will be provided by your “Official.”

Possible Terms in the Word Chain:
- FAN
- BANKING
- CAR
- DRAG
- DRIVE
- FAST
- PACE
- CREW
- Tire
- LAPS
- FIRE SUIT
- FAST
- CHECKERED
- THRILL

**Blue Circle Phrase**
N __ __ C __ __
__ S
__ __ A __ W __ __ K!

**Green Box Phrase**
S __ __ __ T
Y __ __ __
__ N __ __ __ S!
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Today, you will work as a team to complete a series of challenges. Just like at a race, NASCAR teams must complete a series of activities and inspections before they can race.

After each challenge, a NASCAR Hall of Fame Crew member will officially sign off that you have completed the challenge (like a real NASCAR official does before a race).

As you complete each stop, you will receive a “piece” to a puzzle. To master your last challenge and to make it to victory lane, you will need to complete the puzzle.

Good luck … now, GO!

**Challenge 1: Teamwork**

NASCAR is all about teamwork. Drivers, mechanics, engineers, crew members and car chiefs must all work together. A critical part of the team is the pit crew.

Your Challenge: Work together to complete changing a tire, refueling and jacking up the car in the fastest time. Your group will have one practice run and two official runs to get your best time.

*Location: 3rd Floor, Race Week – Pit Challenge*

**Challenge 2: Driving Skills**

Driving takes a lot of talent and skill. A NASCAR driver accelerates at speeds up to 180-200 mph, which is like driving across a football field in one second. Drivers need to know where the best “line” or position is on the track as they drive their laps.

Your Challenge: Drive! You will drive three laps around a computer-simulated track. You will drive solo, working to keep the best line and speed you can.

*Location: 3rd Floor, Race Week – Qualifying*
Challenge 3: Physical Aptitude
NASCAR team members, especially the driver and pit crew, need to be physically fit and aware. They need to be able to move quickly and react to their surroundings. Many teams hire trainers and nutritionists to ensure everyone is healthy and up to the challenge.

Your Challenge: Each person in the group will need to perform each of the following tests. The “Official” will record your results.

Test 1: Hand-eye: Measure how quickly you can catch a falling ruler.
Test 2: Quickness: Complete the “obstacle” course.
Test 3: Physical Fitness: Complete 3 jumping jacks, 3 situps and 3 squats; Repeat.

Location: 1st Floor, Theater Lobby – Memorable Moment cases

Challenge 4: Knowledge
NASCAR was founded in 1948. Over the years, the sport has experienced a number of changes, enhancing its speed, safety and fun. Teams need to understand the history of NASCAR and all aspects of it, especially the rules and how to build a better racecar. In this activity, you will test your knowledge to find some interesting artifacts.

Your Challenge: Use the sheet provided by your “Official” to complete each of the tasks and find the missing words. You will need to keep your sheet for the last challenge.

Location: 4th Floor, Heritage Speedway – Decade Hallways

Challenge 5: Problem-Solving
NASCAR teams, officials and staff need to be ready at any moment to problem-solve. Problem-solving is a skill that everyone uses each and every day.

Your Challenge: Working together with your teammates, solve the puzzle that you have been given and gather clues in order to discover the hidden message.

Location: 2nd Floor, Great Hall – Benches on silver curve wall

Crew Member Signature