



KIDS CLUBS

ACTIVITY BOOK



WORD SCRAMBLE

CAN YOU UNSCRAMBLE THE KEY NASCAR TERMS BELOW?
THE FIRST LETTER OF EACH WORD IS UNDERLINED

1. EACR NERNWI: _____

2. MOSNOA WYCRAEA: _____

3. ENGRE GAFL: _____

4. IPT POTS: _____

5. RCWE HICFE: _____

6. KDECECHER GAFL: _____

7. FNACAIOLR: _____

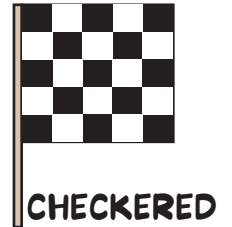
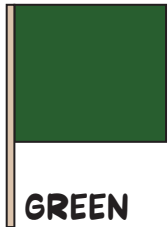
8. LKEY SOLANR: _____

9. DRAO USCROE: _____

10. RCIVTYO LENA: _____

FLAG MATCH

FLAGS GIVE OFFICIALS ABILITY TO COMMUNICATE WITH THE NASCAR DRIVERS DURING A RACE. CAN YOU MATCH THE COLOR OF THE FLAG TO IT'S DESCRIPTION?



1. THIS FLAG COMES OUT TO SIGNAL A CAUTION. TELLS DRIVERS TO SLOW DOWN AND THAT NO PASSING IS ALLOWED.
2. THIS FLAG IS WAVED WHEN THE WINNER OF THE RACE HAS CROSSED THE FINISH LINE, ALSO MEANS THAT THE RACE HAS CONCLUDED.
3. THIS FLAG IS WAVED AT THE START OF THE RACE AND DURING RESTARTS AFTER A CAUTION.
4. THIS FLAG TELLS DRIVERS THAT THE LEADING DRIVER IS ON THEIR FINAL LAP OF THE RACE.
5. WHEN THIS FLAG IS WAVED, THE RACE MUST BE STOPPED IMMEDIATELY. THIS IS TYPICALLY DUE TO SAFETY REASONS.

NASCAR TRIVIA

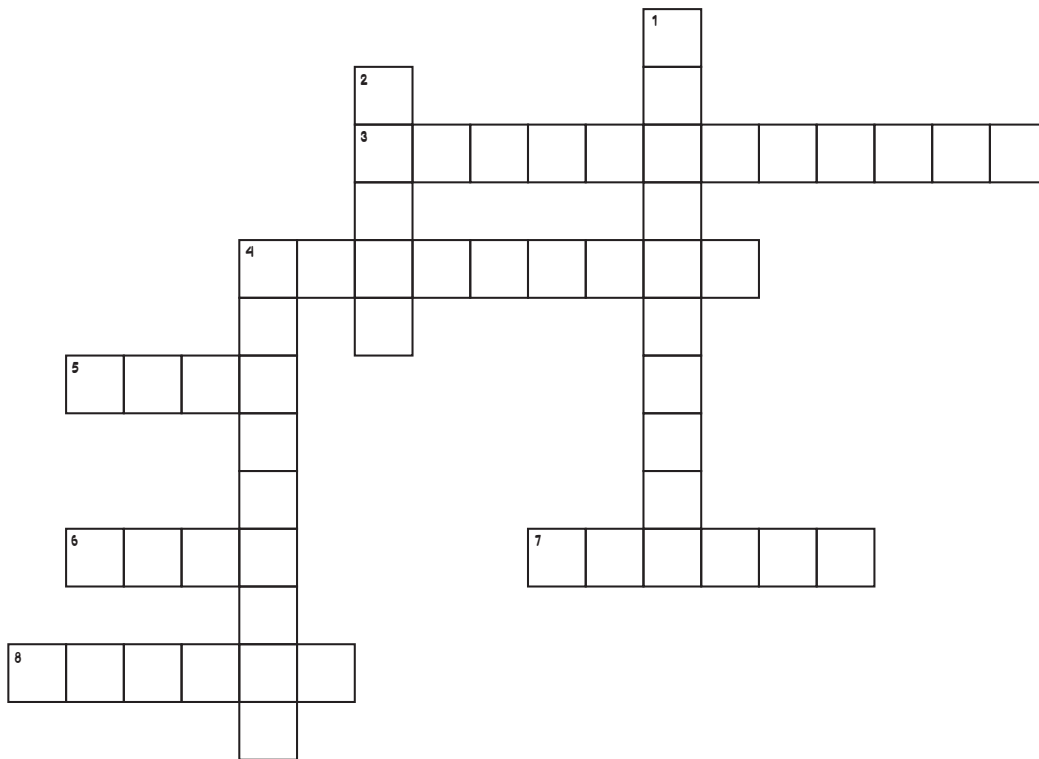
TEST YOUR NASCAR KNOWLEDGE! CAN YOU SOLVE THESE QUESTIONS?

1. WHAT IS THE OFFICIAL FUEL OF NASCAR?
 - A. PENNZOIL
 - B. SUNOCO
 - C. MOBIL
 - D. SHELL
2. WHICH OF THE FOLLOWING IS NOT A MAKE OF A CAR IN THE NASCAR CUP SERIES?
 - A. CHEVROLET
 - B. TOYOTA
 - C. KIA
 - D. FORD
3. WHICH OF THE FOLLOWING ARE THE THREE D'S OF SPEED?
 - A. DRAG, DONUTS, DOWNFORCE
 - B. DOWNFORCE, DRAFTING, DRIVER
 - C. DRAG, DOWNFORCE, DRAFTING
 - D. DONUTS, DRIVER, DOWNFORCE
4. WHAT YEAR WAS THE NATIONAL ASSOCIATION FOR STOCK CAR AUTO RACING (NASCAR) FOUNDED?
 - A. 1948
 - B. 1964
 - C. 1952
 - D. 1950
5. WHAT TERM REFERS TO THE SCIENCE OF HOW AIR FLOWS OVER, UNDER AND AROUND AN OBJECT?
 - A. DRAG
 - B. AERODYNAMICS
 - C. CHEMISTRY
 - D. PHYSICS
6. WHY DO CARS LINE UP BEHIND EACH OTHER TO TAKE ADVANTAGE OF THE CHANGE IN AIR PRESSURE?
 - A. DRAFTING
 - B. DRAGGING
 - C. DONUTS
 - D. DOWNFORCE



NASCAR CROSSWORD PUZZLE

USE THE CLUES TO FILL IN THE WORDS ABOVE. WORDS CAN GO DOWN OR ACROSS. LETTERS ARE SHARED WITH WORDS WHEN THE WORDS INTERSECT.



ACROSS

3. WHO HAS WON THE MOST NASCAR RACES?
4. THE MAIN LEADER OF THE PIT CREW THAT IS IN CONSTANT COMMUNICATION WITH THE DRIVER?
5. PIT CREWS CHANGE THESE, TYPICALLY 2 OR 4 AT A TIME?
6. THE DRIVER WHO BEGINS THE RACE IN FIRST PLACE WON THE _____?
7. WHICH ROAD COURSE IS LOCATED IN NORTHERN CALIFORNIA ON THE NASCAR CIRCUIT?
8. WHAT ARE THE THREE TIMES THROUGHOUT A RACE WHEN A DRIVER CAN EARN POINTS?

DOWN

1. WHAT TURN NUMBER IS THE ICONIC HAIRPIN TURN AT SONOMA RACEWAY?
2. WHAT FLAG INDICATED THE START OF THE RACE?
4. WHAT FLAG INDICATED THE FINAL LAP OF THE RACE?



RACE DAY CHALLENGE

CAN YOU SOLVE THE FOLLOWING MATH PROBLEMS FOR A NASCAR TEAM?

1. RYAN'S TEAM BROUGHT 60 NEW TIRES TO THE RACE TRACK. DURING PRACTICE THEY USED 10 TIRES AND DURING QUALIFYING THEY USED 8 MORE TIRES. HOW MANY NEW TIRES DO THEY HAVE LEFT AT THE START OF THE RACE?

ANSWER: _____

2. AT THE KIDS CLUB THERE ARE 4 KIDS IN LINE TO SIT IN THE SHOW CAR, 6 KIDS IN LINE TO MAKE A LEGO RACER, AND 8 KIDS IN LINE TO TAKE THEIR PICTURE WITH A SPECIAL GUEST. HOW MANY TOTAL KIDS ARE IN LINE?

ANSWER: _____

3. LUCY CAME TO TODAY'S RACE WITH HER MOM, DAD AND BROTHER. SHE WANTS TO FIGURE OUT HOW MANY MILES THE RACE IS GOING TO BE. ONE LAP AROUND THE TRACK IS 1.99 MILES IN LENGTH AND THERE ARE 110 LAPS IN TODAY'S RACE. HOW MANY MILES TOTAL WILL THE RACE BE?

ANSWER: _____

4. JOEY IS RACING HIS CAR IN A 300 LAP RACE, EVERY TIME HE MAKES A PIT STOP, 16 GALLONS OF RACE FUEL IS PUT INTO HIS RACE CAR. IF HE MAKES 4 PIT STOPS DURING THE RACE, HOW MANY TOTAL GALLONS OF RACE FUEL DOES HIS TEAM PUT INTO HIS RACE CAR?

ANSWER: _____



WORD SEARCH

FIND ALL THE WORDS LISTED BELOW IN THE SCRAMBLED LETTERS. WORDS CAN BE DIAGONAL, HORIZONTAL, OR VERTICAL.

U A L G W B A N K I N G Y R Z Y L L
R E S T R I C T O R P L A T E F O E
N R A C H H O R S E P O W E R D P A
L O O S E J S D V P I T S T A L L D
S D P O L E P O S I T I O N U K C L
P Y Q G K J D N A S C A R K I D S A
O N K R E S T A R T C H A S S I S P
I A I O D N H A U L E R F H H A N P
L M C O R O W T L U G N U T S J M M
E I Q V A I B P I T R O A D N M O F
R C L E G W J Y D R A F T I N G Q V
G S J D O W N F O R C E O T Y P B W

AERODYNAMICS
BANKING
CHASSIS
DOWNFORCE

DRAFTING
DRAG
GROOVE
HAULER

HORSEPOWER
LEAD LAP
LOOSE
LUG NUTS

NASCAR KIDS
PIT ROAD
PIT STALL
POLE POSITION

RESTART
RESTRICTER PLATE
SPOILER



DESIGN YOUR DRIVER

COLOR THE FIRESUIT AND HELMET
TO CREATE YOUR DRIVERS LOOK.

