

Coeur d'Alene Charter Academy

RALLY

2011



for Education

2nd Annual
Rally for Education
Handbook

Welcome Rally Participants!


Thank you for participating in this, our second annual *Rally for Education!*

With the success of last year's *Rally*, it became obvious that we had found an event that offers the perfect blend of family-friendly activity, community building, and fundraising. As with last year, the proceeds from this event go toward student scholarships and building improvements.

I want to thank the group of dedicated parents who put in countless hours of their own time planning, organizing, meeting, securing sponsors, and making sure that the rest of us have a great experience. We truly could NEVER put together an event like this without them.

Also, I want to urge you to thank our sponsors, especially if you can do so with your patronage! These individuals and businesses continue to support the Academy in a variety of ways, and we want to support them.

Be safe, have fun, and don't assume that the car in front of you knows where to go! Let's rally!

A handwritten signature in blue ink, appearing to read "Dan Nicklay".

Dan Nicklay, Principal

THANK YOU TO OUR SPONSORS!

FINISH LINE SPONSOR

Texas Roadhouse

PIT STOP SPONSORS

Advanced Benefits

bankcda

Little Caesars Pizza

River City Lanes

STARTING LINE SPONSORS

Kevin Chang, M.D.

Brian Goetz Insurance – State Farm Insurance

Miller Stauffer Architects

Polin & Young Construction

R & L RV Sales

Surgical Bariatrics Northwest

TUNE-UP SPONSORS

Buchheit Family

Child & Fisher, Attorneys

Dangerous Dog Serious Sausage

Dr. Thomas Jaeger, Orthodontist

River City Physical Therapy, Eric Verhaeghe

DONORS/CONTRIBUTORS

Alligator Diesel Performance

Jeff & Shannon Anderson








Lake City Transmission, Inc.

Magnuson, McHugh & Co.

4th Street Taco Time






Torres Family

Coeur d'Alene Charter Academy Rally for Education Handbook










Getting Started	Page
 What is a Road Rally?	4
 Suggested Supplies	4
Road Rally Rules	
 Safety	5-6
 Timing/Scoring	6-7
 Check Point/Pit Stops	7-8
 Odometer Check & Corrections	8
 How to calculate a perfect time	9
Navigator's strategies	10
Odometer Check Route	11
Sponsors	14-18
Notes	19-20

Getting Started

What is a Road Rally?

-  IT IS NOT A RACE. It is a competition of intelligence, teamwork, and the ability to follow directions.
-  A driver, a navigator, and up to four (4) passengers will follow directions to specific destinations “pit stops” throughout Kootenai County. Calculations for “perfect time” are optional
-  Cars will leave the starting line at one minute intervals and accurate time will be measured to the nearest second.
-  Each pit stop will serve as a check-in station and require the completion of a challenge to receive the directions to the next destination.
-  The finish line will be a community event for all to enjoy; it will include dinner, entertainment, prizes, raffles, and of course the winning results of the rally.

Suggested Checklist Items:








-  Fully charged cell phone
-  Full tank of gas
-  Working odometer
-  Working speedometer
-  Basic calculator ONLY
-  Clipboard
-  Pens/pencils/3 highlighters
-  Stopwatch or watch with second hand
-  **No computers or rally odometers will be allowed.**
This is a Novice Rally only.

Top Three Rally Rules:

- ✓ Stay on the Road
- ✓ Stay on Course
- ✓ Stay on Time

Rally Rules

Safety

-  Seat belts must be worn by all participants while vehicle is in motion.
-  Speed limit and all rules of the road must be followed throughout route. **CDA Charter Academy is not responsible for any traffic fines or infractions that occur during the Rally.**
-  Liability release waivers must be signed by participants.
-  All vehicles must be registered, insured and road legal.
-  The rally team reserves the right to disqualify a vehicle at any point during the rally due to inappropriate actions discrediting the event, unsafe driving, or public endangerment.
-  A fully charged cell phone must accompany each vehicle for use in case of emergency.
-  Drivers may **not** text, talk, or access a cell phone while driving, that is the responsibility of the navigator or passenger only.







Drivers:

- ✓ Must be 18 years of age and show a valid driver's license and proof of insurance.
- ✓ May not be a student currently enrolled at CDA Charter Academy.
- ✓ Must drive the car in a safe, responsible manner without breaking traffic laws.
- ✓ Must be able to take directions from the Navigator.

Navigator:

- ✓ We recommend to be at least 13 years of age
- ✓ Must be able to read while riding in the car (doesn't get car sick).
- ✓ Is responsible for reading directions, calculating and recording mileage, and instructing the driver.





Timing/Scoring

-  Rally time will be according to 'atomic time' and the master clock at the starting line.
-  Cars will depart from starting line and all consecutive pit stops at one minute intervals.
-  Time check stations will be located within 1 mile of each pit stop.
-  Route directions will include mileage checkpoints and average speed limits for calculating "perfect times." (see calculations)
-  Passengers may assist in challenges and navigations as appropriate.
-  Times will be recorded and scored to the nearest second: 1 second = 1 point.





Timing/Scoring continued

Example:



✓	Departure time	-	1:05.00
✓	Check in time @ Pit Stop	-	<u>1:28.35</u>
✓	Total drive time leg 1	-	23.35
✓	Perfect Time leg 1	-	<u>22.00</u>
✓	Difference = (95 seconds)		1.35
✓	Score - 95 points		

-  There will be a maximum penalty of 3 minutes (180 points/seconds). Any differential over 3 minutes will not be counted.
-  Each leg will be scored and timed separately – you may **not** make up time from a previous leg.
-  The goal is to have the lowest cumulative score for all legs.
-  Final scores will incorporate drive time points, pit-stop challenge points, and route question points.



Check point/Pit Stops

-  Each pit stop will be approximately 20 minutes from estimated arrival time to departure time.
-  Bathroom and/or food & beverages, will be available at some pit stops.
-  Upon arrival at pit stop:
 - ✓ Navigator must check in
 - ✓ Turn in route answer sheet
 - ✓ Instructions for challenge will be given as well as “0” car departure time and next leg directions
 - ✓ To find *your* departure time, add your car # to “0” car departure time (just like at the starting line)
-  **All vehicles are responsible for their own departure at their exact departure time.**

Check point/Pit Stops continued

-  Point value for completion will be pit stop and task specific.
-  If a participant is unable to successfully complete the challenge after 15 minutes, no points will be given and participants may continue the route.

Odometer Check and Corrections

-  Since odometer accuracy varies, and this drive is based on accuracy, it is suggested that you do an odometer check to compare with car "0."
 - ✓ Zero odometer at the beginning of the odometer check route (page 11)
 - ✓ Complete the odometer check route
 - ✓ Compare your odometer reading to the official mileage
 - ✓ Calculate Correction factor (optional)
-  Multiply your correction factor by the mileage stated in the directions (optional).

Example:

- ✓ Official odometer check reading is 8.1 miles
- ✓ Your odometer reads between 8.4 and 8.5 (estimate 8.45)
- ✓ Divide your mileage by the official mileage:
 $8.45/8.1 = 1.043$ this is your correction factor
- ✓ Multiply route mileage by your correction factor:
If the point you want to calculate is at 3.5 miles, multiply $3.5 \times 1.043 = 3.65$ (actual reading for *your car's* odometer)

Sample Set of Directions

Time	Mileage	Commence Ave. Speed	Instructions
<i>START at stop sign at intersection of Main and Grand</i>			
2:00:00	0.00	15	RIGHT onto Main Street
	0.10		LEFT onto 1st Ave - PAUSE 10 SECONDS
	0.26		RIGHT onto Sesame Street
	0.33	24	STRAIGHT onto Easy Street (SOR "Easy Street")
	0.75	22	RIGHT at stop sign onto Wall Street
	1.12		LEFT on N 2nd Ave - PAUSE 5 SECONDS
	1.90		LEFT at Red Barn - PAUSE 15 SECONDS
	2.12		STOP at Where-are-we Ave - END OF STAGE

How to Calculate a Perfect Time



Formulas *may* be used if you are serious about calculating your times (*remember speed is calculated in hours (MPH) and the rally is in minutes and seconds*).

$$\text{Time} = (\text{Distance} \times 60) / \text{Speed}$$






Step by step instructions

- 1. Departure time** – Add your car number to departure time
- 2. Odometer correction** Multiply the mileage to be calculated by the odometer correction factor (if you did one)
- 3. Determine the *Delta* mileage** – the difference between this mileage point and your last calculated mileage point (or zero if first calculation)
- 4. Calculate your *Delta* time** from last calculation to this point:
Time = Distance x 60/speed
- 5. Convert decimals to seconds:** 1.25 minutes is not 1 minute and 25 seconds. Multiply the numbers to the right of the decimal by 60. (0.25 x 60 = 15.00) so time would be 1 minute 15 seconds
- 6. Add in any pauses** that may be stated
- 7. Determine arrival time** by adding your calculated time to the cumulative time from the prior calculation. This is the exact time in which you should arrive at this point

Sample calculations: (car #6, odo. correction of 1.1, mileage point .33)

1. Departure: $2:00:00\text{pm} + 6 = 2:06:00\text{pm}$
2. Odom correct: $1.1 \times .33 = .3663$
3. Delta mileage: $.3663 - 0 = .3663$
4. Delta time: $.3663 \times 60 / 15\text{mph} = 1.4652$
5. Conversion: $.4652 \times 60 = 27.9 \text{ sec} = 1:27.9$
6. Add pauses: $1:27.9 + 10 \text{ seconds} = 1:37.9$
7. Arrival Time: $1:37.9 + 2:06.00 = 2:07.37.9$

Navigator Strategies

-  Always add your car # to the start time of each leg before doing anything else.
-  Highlight all speed changes, turns, and pauses (recommend a different color for each).
-  Prioritize points along the route to calculate (all speed changes must be calculated for an accurate final arrival time).
-  Account for acceleration and deceleration for such as slowing for turns, traffic lights, stop signs, etc.
-  Account for odometer/speedometer variables between cars.

Remember: Perfect scores are almost impossible! The goal is to get as close as you can to the perfect score either by guessing or estimating or calculating the time it will take based on the information given. How each team goes about this is their choice.

Odometer Check Route

Zero odometer when the front of your car is at the stop sign at
Duncan and Building Center Drive

Mileage	Instructions
0.00	LEFT onto Building Center Drive
0.01	RIGHT onto Kathleen Ave
0.52	STRAIGHT through light at Ramsey
0.86	SOR Bike Crossing Ahead
1.68	RIGHT at stop light on Atlas
2.25	RIGHT on Hanley Ave
2.40	2 nd exit on round about
2.80	1 st round about exit onto Courcelles Parkway
2.95	Sign on left
3.70	STRAIGHT at light
4.41	RIGHT onto Pioneer Drive
4.58	RIGHT on Clayton
4.67	LEFT onto Building Center Drive
4.82	LEFT onto Duncan Drive
5.00	End at Crosswalk in front of CDA Charter Academy

THANK YOU TO OUR SPONSORS!

FINISH LINE SPONSOR

EARLY DINE

FOR **\$7.99***

Monday-Thursday
Until 5:30 pm



CHOOSE FROM

10 DINNERS

- 6 oz. Sirloin Steak
- 10 oz. Roadkill Chopped Steak
- Grilled BBQ Chicken
- Country Fried Chicken
- Chicken Critters® Dinner
- Pulled Pork Dinner
- Grilled Pork Chop (Single)
- Chicken Caesar Salad
- Grilled Chicken Salad
- Chicken Critter® Salad



402 W Neider Ave
Coeur d'Alene
(208) 664-1903

*Not valid with other offers. \$7.99 dinners available Monday thru Thursday until 6 pm. Listed items only. Availability subject to change on holidays.

PIT STOP SPONSORS



The great aim of education is not knowledge but action.
Herbert Spencer (1820-1903)

Today's students: tomorrow's leaders.

Let us Rally our Support for the
Coeur d'Alene Charter Academy!

community



We are locally owned and managed and proudly
support the Coeur d'Alene Charter Academy.

MEMBER
FDIC

bankcda
bankcda.com



912 Northwest Blvd, Coeur d'Alene
(208) 665-5999

200 W Honeysuckle Ave, Hayden
(208) 762-4492

PIT STOP SPONSORS



965 West Seltice Way
Post Falls, ID 83854
208.773.7575

ContactUs@TheRiverCityLanes.com
www.TheRiverCityLanes.com

Little Caesars®



\$1.00 OFF
ANY PIZZA
with this coupon

192 E. Neider, Coeur d'Alene, ID 83815
208.667.8200

STARTING LINE SPONSORS

Being
there
is why
I'm here.



State Farm

Get discounts
up to

40%

Call my
office for a
quote 24/7.

Brian Goetz Insurance Agcy Inc

Brian Goetz, Agent
840 W Kathleen Avenue
Coeur d Alene, ID 83815
Bus: 208-667-6468

State Farm Mutual Automobile Insurance Company,
State Farm Indemnity Company, Bloomington, IL

PS930107 06/09



North Idaho

LUNG &

ASTHMA

CRITICAL CARE

KEVIN CHANG, MD

700 W. Ironwood Drive, Suite 336, Coeur d'Alene, ID 83814 | 208-765-1252



MILLERSTAUFFER
ARCHITECTS

MILLERSTAUFFER.COM

601 FRONT AVE STE 201 // COEUR D'ALENE, ID 83814 // P 208 + 664 1773 // F 208 + 667 3174

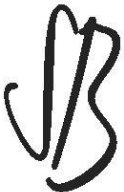
STARTING LINE PONSORS

POLIN & YOUNG



**10789 Hwy 95
Hayden, ID 83854**

208.772.7634



surgical bariatrics northwest

Specializing in:

- Weight Loss Surgery
- EsophyX Anti-Reflux Surgery
- General Surgery & Endoscopy
- Body Contouring Aesthetics
- Optifit Non-Surgical Weight Loss

Helping you to live healthier, lighter, and longer!

208.262.0945 / www.surgicalbariatrics.com

TUNE-UP SPONSORS

Buchheit Family

Child & Fisher, Attorneys

Dangerous Dog Serious Sausage

Dr. Thomas Jaeger, Orthodontist

River City Physical Therapy, Eric

Verhaeghe

DONORS/CONTRIBUTORS

Alligator Diesel Performance

Jeff & Shannon Anderson

Lake City Transmission, Inc.

Magnuson, McHugh & Co.

4th Street Taco Time

Torres Family

GLOSSARY OF RALLY TERMS

CAS: Commence Average Speed. The speed calculations are based on

SOR: Sign on Right

SOL: Sign on Left

PAUSE: A given time to allow for traffic, stop sign, stop light etc. This time must be accounted for whether you need it or not

Car '0': The car that was used to create the route on which all mileage and times are based

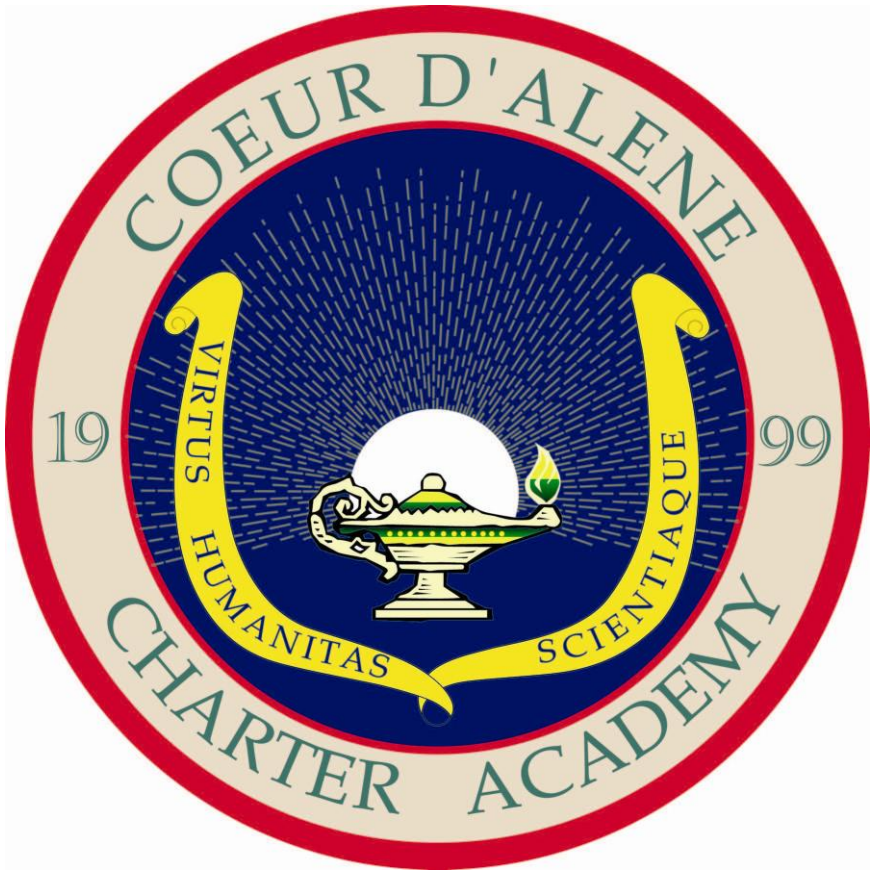
Perfect Time: The calculated time of arrival or departure based on car '0'

Delta Mileage: The difference between two mileage points

Transit: A non-timed driving transition from one point to another – primarily used to avoid high traffic areas

Route Coordinator/ Emergency Contact

Amy Verhaege - 208.661.7589



Our Mission

Coeur d'Alene Charter Academy is dedicated to providing a rigorous, content-rich, college preparatory education for any students who are willing to accept the challenge.