Silver Mesa District 26
Pinewood Derby
April 28,2012

at Blessed Sacrament School

1745 East 9800 South, Sandy

Congratulations Joshua Terry!

Flyer revised: January 28, 2012 (see rules and Parents)

Pinewood Derby…
Fun for all Tigers, Cubs and Webelos;
come watch your son, grandson, brother,
and nephew race!!

Check-In and Race Times

Tiger/Wolf Cubs			
Check-In	8:00-8:45 a.m.	Race	9:00-10:15 a.m.
Bear Cubs			
Check-In	9:00-9:45 a.m.	Race	10:15-11:30 a.m.
Webelos			
Check-In	10:00-10:45 a.m.	Race	11:30 a.m.-12:45

Awards given after each Race

Registration:

- On-line registration will be open until April 27, 2012, 6pm
- Each boy can register only one car
- Each registrant will receive a 2012 PWD patch
- Registration will be $5.00
- Registration is limited to 40 boys per age group, so register today and don't miss out.

Race Specifics:

- Races will be computer generated.
- Cars may only be raced by the owner.
- Once the car is weighed in, the car is impounded and will only be handled by race officials.
- Trophies will be awarded to the top 3 racers of each Rank.
  The top 2 racers will move on to the Council Pinewood Derby being held on May 5, 2012.
- Trophies will also be awarded to the "best workmanship" (awarding a boy who did it himself), "cubs choice", and "most scouting spirit" (no doubt the car belongs to a scout) cars in each rank.

Race Fees:

- The fee is $5.00 per car. This fee covers the race, awards (see race specifics) and a patch.
- **Fees are NON-REFUNDABLE**

Pictures of the event will be posted on our District Website.

Notes for Scouting Leaders;
SPECIAL NOTE TO ALL CONCERNED: This project is for the cub scouts, and is recommended as such by the National Boy Scouts of America. Parents, please let your scout make his car with minimal assistance from any adult.
The district Staff STRONGLY SUGGESTS that each Pack leader emphasize this idea within the Pack.
We require that the cars be built in 2011 – 2012 and has not raced in a district PWD.

Opening Ceremonies will be before the first race.

Support Troop 1966
Breakfast, snacks and lunch items will be available for purchase at the races.

For more information contact:
Laura Falcon
Email: lauraffalcon@hotmail.com

Parents/Leaders:
1. Each Scout should have on his Class A uniform.
2. Arrive early! Arrive well before the end of the check-in/inspection time. For your scouts rank.
3. A repair shop will be at the PWD for any necessary repairs, not to make the car.
4. The top 2 racers from each rank will get to compete in the Council PWD on May 5th
5. Please read and follow all the district rules. We meet all of council's regulations.
6. Only boys from the invited districts will be eligible to win a trophy or move on to the council pinewood derby as a district winner.

Pre-weigh: All cars must not exceed 5.00oz. The official scale will determine the final weight. Each entrant is encouraged to build his derby car as near the maximum weight as possible.

Silver Mesa District Pinewood Derby Rules 2012
Please read Rules carefully

1. Pinewood Derby Kit – The entrant is to build a derby race car using the materials in an *Official BSA Grand Prix Pinewood Derby Kit* available at the local Scout shops or through other official BSA vendors.
2. Springing – The derby car shall not ride on any type of springs.
3. No derby cars built prior to May 2011 will be permitted in this years' Pinewood Derby. In the event that a car is determined to have been used in a previous year's race, it will be disqualified.
4. Specific details or attachments – All attachments must be securely fastened and meet all other requirements for size and dimensions. The front of the car must have a flat area to accommodate the starting gate. The starting gates are roughly 3/8" dowels and a car with a pointed front tends to slip off the dowel. If the car has this problem it can be run down the track backwards. No portion of the car shall extend beyond the point that touches the starting gate. The car must be freewheeling, with no artificial starting or propelling devices.
5. Wheel and Axles – Each derby car will use only the wheels and axles (nails) that come in either the Official Grand Prix Pinewood Derby Kit or The Official Wheel and Axle Kit available from the Scout Shop and other official BSA vendors. Single or solid axels will not be allowed. Axels need to be mounted at a 90 degree angle. At least 3 wheels must touch the track. Axles may be polished, but not shaped or cut. Wheels may be sanded to remove the mold projections on the tread, but no other changes can be made to the wheels. Wheel bearings, washers or bushings will not be allowed. No oil, grease or any wet lubricants will be allowed on the wheels and axles. Only dry powdered lubricants will be permitted to lubricate the wheels and axles. No artificial self-lubricating mechanism will be permitted
6. Wheel spacing – The spacing in between the wheels shall not be less than 1 ¾" or greater than 2" in width.
7. Axel coverings – No artificial coverings or decals will be permitted over the axles. All parts of the axles must be visible.
8. Car Body Clearance – The derby car must have a clearance of no less than 3/8". If the clearance is less than the 3/8", the bottom of the car will drag on the furring strips on the track.
9. Height – The overall height of the car, after installing the wheels, shall not exceed 5". This height requirement applies for any attachments as well.
10. Width – The overall width of the car body shall not exceed 2 ¾". The overall width of the wheels shall not exceed 2 ¾". This width requirement applies for any attachments as well.
11. Length - The overall length of car shall not exceed 7". Also, be careful when adding attachments not to exceed the 7" length.
12. Weight – The overall weight of the car shall not exceed 5.00 ounces. No loose or liquid material of any kind will be permitted in or on the car, i.e. mercury or other forms of liquid weight. Weights held by masking or scotch tapes are not acceptable. Each entrant is encouraged to build his derby car as near the maximum weight as possible. The official weight is determined by the scale at the district race regardless of what the car may have weighed at the pack competition.

Ground Rules
1. All races will be raced on a four lane track.
2. Only race officials are permitted inside the race track area.

3. Each Scout must bring his car to the Inspection Table. If the car fails to meet any of the rules, the Inspectors will tell the Scout the exact problems. The Scout may change the car to meet the rules. All Scouts must be signed up and weighed in with in the allotted check-in time. Any car not on time can race in the next race but will not be eligible to win any trophies.
4. All cars will be assigned an identification number. The Race Official will place the cars on the Race Track for all heats. Scout may not handle their car once they are weighed in (except when an Official rules the car may be repaired).
5. The car which crosses over the finish line first is the winner. The Finish Line Judges' rulings will be the final decision on all heats.
6. If a Tie must be resolved between two cars, the cars will race on alternating lanes, until one racer wins two successive heat.
7. If a car leaves the race track, runs out of its lane, or interferes with another car, the heat will be rerun. Repairs can be made quickly (within 2 minutes). If the same car leaves the track again, interferes with another car again, or repairs cannot be made timely, the car will be judged last.
8. All Race Officials rulings are final.
9. Good sportsmanship and behavior is expected. Non sportsmanship like conduct by any Scout or adult will not be tolerated. Race officials may ask anyone not following this rule to leave.
10. Have fun and good luck to all racers. No Refunds!

Registration by Mail

Racer's Name_____Age_____

Racer's Den_____Pack #_____

District # or Name: _____

Parents name_____

Address _____

Phone #_____

Email Address_____

Payment Methods

❒ Check/Money Order Enclosed

❒ Credit card – On-line or at council office

Program fees are non-refundable.

Make checks payable: **Boy Scouts of America** and write "**Silver Mesa D26 PWD 2012"** on the memo line.

Mail or Drop off Registration Forms to:
GSLC/Boy Scouts of America

Silver Mesa District 26
525 Foothill Blvd.
Salt Lake City, UT 84113
ATTN: Carol Snow

Mail in registration must be received by April 26th

OR

Register on-line at:

http://www.gslc-bsa.org

Districts
Salt Lake County
26-Silver Mesa
Cubs