

**South Dakota Science Olympiad State Tournament Final Registration Form**

**Must be submitted on Saturday, March 31, 2012**

**Aalfs Auditorium, Northern Auditorium Entrance of Slagle Hall**

**7:30 am to 8:00 am**

School \_\_\_\_\_

Coach \_\_\_\_\_

Division \_\_\_\_\_

	<u>Student Name</u>	<u>Grade</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____
Alternate	1 _____	_____
Alternate	2 _____	_____

**I certify that all of the above students are active members of our school and the grade levels are appropriately indicated.**

\_\_\_\_\_  
**Principal's Signature**

## General Information for 2012 South Dakota Science Olympiad

- 1) Final Registration: Each team in Division B may consist of 15 team members plus 2 alternates. The alternates **may not** participate in any of the events unless they are listed on the “Final Registration Form.” Alternates may participate in the events provided that one of the original team members is unable to attend the South Dakota Science Olympiad State Tournament on March 31, 2012. Division B teams are limited to five (5) ninth grade students.
- 2) Final Registration: Each team in Division C may consist of 15 team members plus 2 alternates. The alternates **may not** participate in any of the events unless they are listed on the “Final Registration Form.” Alternates may participate in the events provided that one of the original team members is unable to attend the South Dakota Science Olympiad State Tournament on March 31, 2012. Division C teams are limited to seven (7) twelfth grade students.
- 3) All team members will be required to wear a wrist band that identifies them as a participant. The wrist band will have the participant’s name, division, and school clearly written on it. These will be available at registration on March 31, 2012.
- 4) After the awards ceremony, the 15 team members, alternates, parents, coaches, and anyone who has been instrumental in the success of the team may be “on stage” for the team picture. This should be a time for everyone to celebrate the success of the winning and participating teams.
- 5) Team Pictures: South Dakota Science Olympiad would like to post the team pictures of our winning and participating schools on the South Dakota Science Olympiad web site. The team pictures could be scanned and emailed to me at [Clark.Bennett@usd.edu](mailto:Clark.Bennett@usd.edu). However, I will need the school to obtain permission from each student’s parents in order to post the team picture from that specific school on our web site.
- 6) Clarification of Events: Please go to the National Science Olympiad web site under ([http://www.soinc.org/official\\_rules\\_clarif](http://www.soinc.org/official_rules_clarif)) for descriptions, FAQs, and clarifications of the events as well as helpful suggestions. Be sure to check the web site regularly for further clarifications and suggestions on any of the events.
- 7) Astronomy, Reach for the Stars, and Write It Do It: The participants must be present at the start time for these events.
- 8) Bottle Rocket: The participants must remove the cap safety ring on their bottle prior to check-in at the event. The ring that remains on the bottle neck when the bottle cap is removed must be taken off of the bottle. This is not stated in the event description, but if this is not done, the bottle cannot be attached to our launching device.
- 9) Helicopters: Unless plans change in the very near future, the Helicopters event will be held in the Vermillion Armory Gym.

- 10) Storm the Castle: Unless plans change in the very near future, the Storm the Castle event will be held in the Vermillion Armory Gym.
- 11) All students are supposed to bring their own safety equipment to the state tournament. Check each event to make sure that your team has all of their equipment such as goggles prior to your arrival. If they don't have their safety equipment, then they will not be allowed to participate in that particular event.
- 12) Events which require impound or check-in, event times, and event locations: Please refer to the event schedules.
- 13) If students are required to supply materials and/or equipment for an event (refer to the coaches manual), then make sure that they have ALL of the appropriate equipment/materials when they start the event. No equipment sharing between teams will be allowed.
- 14) The following events will be open to spectators: Bottle Rocket, Gravity Vehicle, Helicopters, Mission Possible, Mousetrap Vehicle, Robot Arm, Storm the Castle, and Towers.
- 15) Dining: Local area restaurants are located very close to the University of South Dakota campus on Cherry Street and on Main Street.
- 16) Any additional activities or demonstrations will take place from 2:00 pm to 4:00 pm. This specific activities and location(s) will be announced during the initial coaches meeting.
- 17) Point System: Like the national tournament, all places will be scored at the state tournament. The first place team will receive one point in the event. For example, if 15 teams ( $N$ ) compete in the state tournament, then the last place team will receive 15 points in the event. Teams making an honest attempt to participate, but **cannot** be assigned a raw score because of time, mechanical failure, wrong dimensions, etc., will be awarded a Participation point (P) as the raw score and should be given  $N$  points for the event. Teams that are a No-Show (NS) for the event will be given  $N+1$  points. Teams that are Disqualified (DQ) from the event for misconduct or poor sportsmanship will be given  $N+2$  points.
- 18) Please remember that all officials are *volunteers*. Participants, parents, and coaches should remember to be courteous to each of them.
- 19) Schedule of Events:  
Registration (Auditorium Entrance, North Door of Slagle Hall): 7:30 – 8:00 am  
Coaches Meeting (Slagle Hall, Room 305): 8:00 – 8:15 am  
Opening Ceremony (Aalfs Auditorium, Slagle Hall): 8:30 – 8:45 am  
State Tournament, Division B and Division C Events: 9:00 am – 3:00 pm  
Any Additional Activities or Demonstrations (TBA): 2:00 – 4:00 pm  
Coaches Meeting (Slagle Hall, Room 305): 4:45 – 5:00 pm  
Awards Ceremony (Aalfs Auditorium, Slagle Hall): 5:00 – 6:00 pm

## Release Form

Name of School:

I, \_\_\_\_\_, have been informed that pictures will be taken during the 2012 South Dakota Science Olympiad State Tournament held at the University of South Dakota on March 31, 2012. I also understand that faculty and staff in the University of South Dakota would like to use those pictures and the developed products in a variety of publication and educational options (world-wide-web page, videotape, CD-ROM, presentation, brochures, press releases in local newspapers, etc.).

As a parent of one of the participants, I give permission for pictures of my daughter/son, \_\_\_\_\_, to be taken and used by the faculty and staff in the University of South Dakota to promote and publicize the activities and events of the 2012 South Dakota Science Olympiad State Tournament. Publication and educational options include World-Wide-Web pages (no names will be published on Web), videotape, CD-ROM, presentation, brochures, press release in local newspapers, etc.

\_\_\_\_\_  
Signature of Parent

\_\_\_\_\_  
Date

Clark Bennett  
State Director, South Dakota Science Olympiad  
414 East Clark Street  
Dakota Hall, Room 314  
Vermillion, SD 57069  
Phone: (605) 677-5248

This form must be signed and returned by the day of the scheduled event.

Thank you for your cooperation in this important matter.

## **South Dakota Science Olympiad Elementary School Initiative**

It is my feeling that a state tournament for elementary school students is not a very practical idea. I believe that the students at the elementary school level could still be introduced to Science Olympiad events at their level without the pressures of a rigorous competition. So, I would like to introduce the concepts of Science Fun Day and Science Fun Night to the state of South Dakota. Any interested elementary schools in South Dakota that decide to purchase the necessary start-up materials from the Science Olympiad Store (<http://store.soinc.org/>), would not have to submit an annual membership form to the state director. Also, the materials will be theirs to keep. It is my thought that each elementary school that decides to participate in Science Fun Day and/or Science Fun Night could do so as independent entities. Each participating elementary school could do whatever events at their own pace, so that it fits within their schedule. If students are exposed to the Science Olympiad events at a younger age and in a positive manner, then perhaps we will be able to increase our numbers for both Division B (middle school) and Division C (high school). If you know of any interested elementary school teachers, then please have them go to this web site (<http://orgs.usd.edu/~sdscioly/elementary.htm>) or contact me at [Clark.Bennett@usd.edu](mailto:Clark.Bennett@usd.edu) or at 605-677-5248.

### **Science Fun Day (Division A1: Grades K-3)**

Take advantage of a typical Tuesday and set up a Science Olympiad Fun Day, where the whole school (or grade) travels from classroom to classroom and participates in fun hands-on events like Gummi Bear Long Jump, Can Race, Nutrition Express, Barge Building and Rainbow Connection. Use the gym to hold a Pentathlon contest and the multi-purpose room to fly paper airplanes in Aerodynamics Aloft. Bring in parents and supplies, and you can make any day of the week a Fun Day! For a great resource, look in the Science Olympiad Store for the Fun Day manual, which in 2009 will be merged with the Fun Night manual for an all-in-one school resource guide.

### **Science Fun Night (Division A3: Grades K-5)**

During a Science Olympiad Fun Night, students in teams of three or four, led by a parent volunteer, rotate through a series of three half-hour events, each designed to meet age-appropriate skills and knowledge bases. While the Fun Night is similar to the Fun Day in that each room hosts a different event, Fun Night relies more heavily on parent volunteerism than on staff preparation. This is one way to lessen the load on teachers and staff while still having a very successful, curriculum-driven science event at your school.

It's also a rare chance for working parents who cannot normally participate in volunteer activities at school during the day to experience an event with their child.

### **Science Fun Night (Division A3: Grades K-5) Continued**

One of the most exciting factors of Science Olympiad Fun Night is the addition of real scientists to the mix! (You can also invite visiting scientists to your classroom during a Fun Day.) When a child learns to look for scientific clues in a crime scene from a police officer from the evidence unit, it makes a lasting impression. Fun Night gives students (and parents) an opportunity to get up close and personal with a geologist, a naturalist, an architect or an engineer - in many cases, this will be their first contact with professional or technical role models.

Science Olympiad Fun Night gets kids excited about science, and also about teamwork. Each group of three or four is required to choose a team name and a team color, and encouraged to dress the part on the night of the event. The Sizzling Science Sisters wore tie-dye T-shirts, while the Ladybugs wore hats covered in plastic insects. The Blue Tornadoes painted their faces and hair blue. It adds an aura of fun and a splash of excitement to science, which is great for the age group. It reinforces the team concept and gives the kids an opportunity to get together before the event to plan their theme.

In an academic environment where test prep is a part of life, it's nice for kids and parents to walk into an event with no prior study requirements. Science Olympiad Fun Night is a work-free, stress-free night of fun and exploration for the kids. Not to say that the volunteers don't have to prepare -- because they do! But it's one of the most satisfying and rewarding volunteer experiences you'll ever have.