2015 KSO Sponsors

Sponsors:

Spirit AeroSystems
Lubrication Engineers

and  Wichita State University
Science Olympiad Philosophy

- To improve the quality of science education, increase student interest in science, and provide recognition for outstanding achievement in science education by both students and teachers.

- Have some fun doing science and in the process learn some science.
History of Science Olympiad

• Started in 1985 after successful state tournaments in Delaware and southeastern Michigan.

• Seventeen states participated in that tournament; now there are over 13,500 schools from all 50 states participate.
History of Science Olympiad

• The first state of Kansas tournament was held in April, 1988 at WSU.

• Currently we have 4 regional tournaments that serve as qualifying tournaments for state. About 60 middle and 60 high schools participate at regional tournaments.

• The top two teams in each region plus a percentage are invited to state for a total of 30 teams in each division.
Science Olympiad Events
Bridge Building
Science Olympiad Events
Chemistry Lab
Science Olympiad Events
Rocks and Minerals
Science Olympiad Events
Road Scholar
Science Olympiad Events
Write It Do It
2016 Physical Science and Chemistry Events

- Air Trajectory (B & C)
- Crave the Wave (B)
- It’s About Time (C)
- Wind Power (C)
- Crime Busters (B) / Forensics (C)
- Food Science (B)
- Chemistry Lab (C)
- Protein Modeling (C)
2016 Earth & Space Science Events

• Dynamic Planet (B & C)
• Fossils (B & C)
• Meteorology (B)
• Reach for the Stars (B)
• Road Scholar (B)
• Astronomy (C)
• GeoLogic Mapping (C)
2016 Life, Personal, and Social Science Events

• Anatomy and Physiology (B & C)
• Bio-Process Lab (B)
• Disease Detectives (B & C)
• Green Generation (B & C)
• Invasive Species (B & C)
• Cell Biology (C)
2016 Technology & Engineering Events

• Elastic Launched Glider (B)
• Elevated Bridge (B & C)
• Mission Possible (B)
• Scrambler (B)
• Electric Vehicle (C)
• Robot Arm (C)
• Wright Stuff (C)
2015 Inquiry & Nature of Science Events

- Bottle Rocket (B)
- Experimental Design (B & C)
- Picture This (B)
- Write It, Do It (B & C)
- Game On (C)
- Hydrogeology (C)
Getting Started
Kansas Science Olympiad Website

Current News

Kansas Science Olympiad registration for the 2015-2016 school year is now open! Click here to register your team.

Coaches! Make sure to register for the free Coaches Workshop taking place at WSU on Saturday, October 17.
Getting Started

To compete in the Kansas Science Olympiad, you must complete the following
KSO Registration

Complete your on-line Kansas Registration Form
KSO Registration

Complete your on-line Kansas Registration Form

2015 Kansas Science Olympiad
Registration

Login Page

If you participated in Kansas Science Olympiad last year, your user1ID and password from last year are still valid and we encourage you to reuse them. Use the form fields below if you remember your userid and password.

User ID
Password

Login

If you are registering your school for the first time click here.

If you forgotten your password or user id click here.

If you are a new coach for an existing team click here.
### 2009 Kansas Science Olympiad

**School Information**

- **School Name:**
- **Address:**
- **City:**
- **Zip:**
- **School phone:**
- **School fax:**
- **Division:**
- **Regional Preference:**

*Please keep in mind that userIDs and Passwords must be between 6 and 12 characters in length.*

- **UserID:**
- **Confirm Password:**
- **Password:**

[Submit Button]
KSO Registration - continued

2009 Kansas Science Olympiad
Coach Information

Please provide the following information about the team's Head and Assistant Coaches.

Note: fields designated with an asterisk (*) are required.

**Head Coach**

- First Name
- Last Name
- Primary Email
- Confirm Primary Email
- Secondary Email
- Confirm Secondary Email

**Assistant Coach**

- First Name
- Last Name
- Primary Email
- Confirm Primary Email
- Secondary Email
- Confirm Secondary Email

Submit
KSO Registration - continued

At this point you want to click on the Registration Invoice link to the left.

Thank you for registering with the Kansas Science Olympiad.

You should receive an email confirmation of your registration shortly.

If you don't receive the confirmation email, please contact Greg Novacek at greg.novacek@wichita.edu
# Kansas State Olympiad

## 2010 STATE REGISTRATION INVOICE

INVOICE # 1244  
DATE: 10/14/2009  
DIVISION: B

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>LINE TOTAL</th>
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</thead>
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<td>1</td>
<td>2010 Science Olympiad Registration Fee</td>
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<td>$100.00</td>
</tr>
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</table>

**SUB TOTAL:** $100.00  
**TOTAL DUE:** $100.00

Please use your browser’s print button to print a copy of this invoice for your records.

TO:  greg Novack  
WGU  
1545 Fairmount  
wichita, KS, 67260

PAYMENT METHOD: Check or Money Order preferred... For alternative payment methods, please contact Greg Novack.

Please make all checks payable to "Wichita State University" and include a copy of this invoice with your payment.

Please send payment to:  
Wichita State University  
ATTN: Greg Novack  
Campus Box 32  
1545 Fairmount St.  
Wichita, KS 67260-0032

Please make sure payment is sent to **campus box 32** as indicated on the invoice. Many of your districts deal with other WGU departments and, in the past, a fair number of the checks we receive have been routed through other departments. Please note that your registration is not complete until we receive payment.

HAVE A GREAT 2010 SCIENCE OLYMPIAD EXPERIENCE!
Date: Tue, 14 Oct 2008 18:33:40 -0500
From: greg.novacek@wichita.edu
Subject: Kansas Science Olympiad Registration Information
To: greg.novacek@wichita.edu
X-Mailer: Microsoft CDO for Windows 2000
Thread-index: AckuVUoGFaroxDzTSr6pHLOJDtjXoA==

Your Registration information:
School Name: Test High School
School Address: 1845 Fairmount
School City: Wichita
School State: KS
School Zip: 67260
School Phone: 316-978-3191
School Fax:
Regional Preference: Wichita
User ID: gnovacek

COACH INFORMATION:
HeadCoach Name: Greg Novacek
Primary email: greg.novacek@wichita.edu
Registering an additional team

School Information

School Name: Wichita State University
Address: 1845 Fairmount
City: Wichita
School Phone: (316) 978-3991
Division: C
Regional Preference: Wichita

Please enter the dates of your school's spring break.

Start Date: 03/18/2013 (mm/dd/yyyy)
End Date: 03/22/2013 (mm/dd/yyyy)

Go to Order Merchandise
Registering an additional team

Enter the number of additional teams in the order box and click submit.
Registering an additional team

Thank you for your Order

You should receive an email confirmation of your order shortly.

If you don't receive the confirmation email, please contact Greg Novacek at greg.novacek@wichita.edu

Now click on the merchandise invoice to bring up your invoice.
Registering an additional team

KSO Registration - additional team

Add this invoice to the previous one and pay both.
KSO Registration - continued

- Make sure you include a copy of your invoice(s) with your check. That is the only way of knowing which school’s payment we have received.
- Make sure campus box 32 is included in the address. This insures that we receive the payment and not some other department on campus.
- Reminder screen will disappear once your payment has been recorded.
KSO Registration

Logging back in
If you participated in Kansas Science Olympiad last year, your userID and password from last year are still valid and we encourage you to reuse them. Use the form fields below if you remember your userid and password.

User ID: 
Password: 

Login

If you are registering your school for the first time click here.

If you forgotten your password or user id click here.

If you are a new coach for an existing team click here.
Kansas Science Olympiad 2010
New State Registration Procedures

What’s New
Prior to last year all Kansas teams paid their $60 membership fee directly to the national Science Olympiad office and they received their manuals directly from them. Beginning with the 2008-09 school year, the national office began requiring each state to collect the national membership fee and forward it to them. (In fact most states already collected that fee as part of their state fee.) Thus any purchases orders or checks sent to the national office will be returned either to you or to me. Regardless, this will result in a delay for you getting your manual. When we receive your payment, we will send out your manual.

After much consideration, Kansas will begin charging a $40 state membership fee beginning with the 2008-10 school year. This along with the $60 national fee means that your total registration fee will be $100.

To complete your registration for the 2008-10 school year update your school and coach information (or enter it if you are registering for the first time). You will receive an e-mail confirmation of any new information that was added. If you do not receive the confirmation you should assume that the changes were not saved.

Once your registration is completed, clicking on the "registration invoice" link will generate an invoice which you can then submit for payment. At this time payment must be by check and sent to the address on the invoice. (Please include a copy of your invoice with your payment and make sure it is sent to campus box 32 as indicated on the invoice. Many of your districts deal with other WSU departments and a fair number of the checks we receive have been routed through other departments.) Your registration is not complete until we receive payment.

Once we’ve received your payment, your coaches’ manual will be sent to you. (Each time you log into your school’s registration page you will receive a reminder if payment has not yet been received. If you have submitted it for payment, don’t worry about the message, however if sufficient time has elapsed such that payment should have been made, please look into it.) Payment must be received before you can participate in an invitational or regional tournament.

Registration Deadlines
The priority registration deadline is November 6, 2008. Regional assignments will be made by November 20th. (Please note that in some areas of the state, the regional tournaments are at or near capacity. In those cases the earlier you register, the greater the chance you will be assigned a spot in the regional of your choice.) Regional assignments for teams registering after November 6th will be made on a case by case basis.

The last day to register is December 15, 2008.

If you run into any problems please contact greg.novacek@wichita.edu.
KSO Registration - updating

2009 Kansas Science Olympiad

School Name: Test High School
Address: 1845 Fairmount
City: Wichita
School phone: 316-978-3191
Division: B
Zip: 67260
School fax:
Regional Preference: Wichita

UPDATE
Completing your Kansas registration automatically registers you for a regional tournament. Registration should be completed by November 4\textsuperscript{th}, with regional assignments made by November 20\textsuperscript{th}. 

(Please note that in some areas of the state, the regional tournaments have been near capacity. In those cases the earlier you register, the greater the chance you will be assigned a spot in the regional of your choice.)

Regional assignments for teams registering after November 4\textsuperscript{th} will be made on a case by case basis.

Last day to register is December 11, 2015
Organizing a Team

A Science Olympiad Team consists of no more than 15 competing members.

- Team members must all attend the same school except that a middle school team may ask a maximum of 5 ninth graders that were on the team the previous year to return.

- Middle School / Junior High teams may not have more than five 9th graders.

- High School teams may not have more than seven 12th graders.

- There is no minimum number of students on a team.
Organizing a Team

• If more than 15 students want to be on the team, many schools hold a mini-olympiad to determine team members.

• Various subgroups of these 15 team members then compete in individual events. Most events allow two students although some allow three.

• Although the event may allow for two students to participate, it is permissible to send only one.

• You do not need to compete in all events.
Preparing a Team

• You can’t do it all yourself.
• Enlist the help of other teachers and parents.
• Have one person concentrate on the events in a particular subject area: chemistry, biology, technology, etc.
• Ideally one person per event.
General Event
Rules
General Event Rules

• Teams may not interpret the rules so that they have an unfair advantage over the rules or another team.

• Unless otherwise stated, it is generally understood that if notes, resources, calculators, actions etc., are not excluded, then they are permitted unless they violate the spirit of the problem.
General Event Rules

• Once teams have entered the event area to compete, they may not
  – leave until they are finished
  – nor return once they have left
  – nor communicate with outside resources, including people, places, etc. by any means

• This effectively excludes the use of any computer, PDA, calculators, wireless devices, phones, etc. that have access to external communication or data retrieval during an event unless specifically permitted.
General Event Rules

• Safety is of the utmost importance. Event supervisors are obligated to prevent unsafe acts and devices.

• Safety decisions are not subject to appeal as long as they are applied equally to all teams.

• Contestants may not bring or use
  – flammable liquids or flame sources of any type, such as matches, cigarette lighters, alcohol and acetone
  – nor bring or use acids/bases of any concentration except for lemon juice, vinegar and other mildly acidic/alkaline naturally occurring substances.
General Event Rules

• One or more of the 15 current team members must have constructed all pre-built devices presented for judging. Any of the current team members may impound/demonstrate/operate the device at the competition unless stated otherwise in the rules.

• Any team member designated by the coach can impound devices unless stated otherwise in the rules.

• Once a device is removed from the competition area appeals will not be considered.
Mentoring

• Adults may act as facilitators in the building process
  – by asking questions
  – offering ideas or suggestions
  – provide references.

• Adults may teach
  – underlying principles and skills
  – use of tools and adherence to safety rules
  – perform restricted tasks (such as drilling a hole in a metal plate or operating a power saw)
Mentoring

• Adults may not
  – Construct or assemble any component of the project
  – Interfere with, alter, build or compromise the student or group design

• The students must prepare the entire structure, including accompanying charts, graphs or notes.
Mentoring

• Students may be extensively questioned on device’s:
  – overall design and construction
  – component parts and how they operate and function within the device

• Each team coach will be required to certify that all work presented for the tournament complies with the Building and the Use of Tools Recommendations

• If the above items cannot be met, the team will be disqualified
Eye Protection

• If eye protection is required rules will indicate the category needed: A, B, or C
Eye Protection
Category A

• Description Non-impact protection
  – Non-impact protection
  – Provide basic particle protection only

• Corresponding ANSI designation / Required marking: Z87
Eye Protection
Category A

• Examples
  – Safety glasses
  – Safety spectacles with side shields
  – Particle protection goggles
    – Seal tightly to face
    – Direct vents around sides (holes that can be seen through in a straight line)
Eye Protection
Category A

Safety Spectacles
Safety Spectacles with side shields
Particle Protection Goggles
Eye Protection
Category B

• Description
  – Impact protection
  – Provides protection from high velocity or high mass particles

• Corresponding ANSI designation / Required marking: Z87+
Eye Protection
Category B

High Impact Safety Goggles  (Z87+)
Eye Protection
Category C

• Description Non-impact protection
  – Indirect vent / chemical splash protection
  – Seals tightly to face completely around eyes
  – Indirect vents (no direct path through hole)

• Corresponding ANSI designation / Required marking: **Z87 or Z87 D3** (the D3 designation is not required)
Eye Protection
Category C

Indirect Chemical Splash Goggles
Eye Protection

• Goggles marked with Z87+ with indirect vent chemical / splash protection qualifies for all three categories

• VisorGogs
  – Do not seal tightly to face
  – Qualifies as indirect vent / chemical splash protection
Eye Protection

• Contestants are responsible for providing their own protective eyewear.

• Teams **WILL NOT** be allowed to compete without adequate eye protection. This is **NON-NEGOTIABLE**.
Eye Protection Suggestion

• Suggest that coaches just go out purchase a dozen High Impact Chemical / Splash Goggles (Z87+ D3).

• Enough for the whole team.

• Should prevent students showing up for an event with inadequate eye protection for that event.
Eye Protection

Suggestion

General Event
Rules and
Eye Protection

See website

http://webs.wichita.edu/scienceolympiad/Coaches_Workshop/Handouts/General_Rules_and_Eye_Protection.pdf
Science Olympiad
Web Pages

Kansas Home Page:
web.s.wichita.edu/scienceolympiad/

Official National Home Page:
www.soinc.org/
Subscribing to the Kansas Science Olympiad Listserv:

To subscribe to the Kansas Science Olympiad List just send an e-mail message to the following address:

    listserv@listserv.wichita.edu

Any statements in the subject line are not processed. The command must be the first text in the body of the note, any white space is ignored. The message should read as follows:

    subscribe ksscioly-l "your first name" "your last name"

(no quotes; note that the character after the dash is a lower case "L" not a "1".)

In a short while you will get a message telling you your status with this listserv. If you what to send a note or pose a question to the group send an e-mail message to:

    ksscioly-l@listserv.wichita.edu
Subscribing to the National Science Olympiad Listserv

This mailing has been established to allow coaches to communicate with each other about topics relating to coaching science olympiad teams.

To subscribe to the list you should send e-mail to:

   science-olympiad-coaches-owner@yahoogroups.com
   science-olympiad-coaches-subscribe@yahoogroups.com

with no subject and no message.

For more information:

   http://groups.yahoo.com/group/science-olympiad-coaches
Additional Information on the Kansas Science Olympiad Website

These pages are intended to give you some tips on implementing Science Olympiad in your school and providing guidance to your team. Many of these tips were taken from the Alabama Science Olympiad website. Additional items came from the Wisconsin Science Olympiad Division C site.

Click on the tabs above for more information.
Calendar on the Kansas Science Olympiad Website

Kansas Science Olympiad 2015-2016 Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 14</td>
<td>Registration for the 2015-15 school year opens. To register go to the KSO Registration Link in the menu on the left</td>
</tr>
<tr>
<td>October 14</td>
<td>Registration Deadline for the 2015 Coaches Workshop held at Wichita State</td>
</tr>
<tr>
<td>October 17</td>
<td>Coaches Workshop at Wichita State University</td>
</tr>
<tr>
<td>November 4</td>
<td>State Registration Priority Deadline</td>
</tr>
</tbody>
</table>
2015-16 Kansas Science Olympiad
State Officials

State Director:
Greg Novacek
Fairmount Center for Science and Mathematics Ed.
Campus Box 32
Wichita State University
Wichita, KS 67260-0032
Phone (316) 978-3854
Fax (316) 978-3350
e-mail: greg.novacek@wichita.edu
2015-16 Kansas Science Olympiad
State Officials

State Assistant Director:
Robert Henry
Fairmount Center for Science and Mathematics Ed.
Campus Box 32
Wichita State University
Wichita, KS 67260-0032
Phone (316) 978-3991
Fax (316) 978-3350
e-mail: robert.henry@wichita.edu
2015 Kansas Science Olympiad
Regional Information

Hays
Salina
Garden City
Wichita

(no regional this year)
State Invitations

• Two top finishers in each regional

• Additional invitations based on number of teams that compete in regional.
## State Invitations -- 2015

<table>
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<tr>
<th>Regional</th>
<th>Division B</th>
<th>Division C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garden City</td>
<td>--</td>
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</tr>
<tr>
<td>Hays</td>
<td>6 / 11</td>
<td>6 / 11</td>
</tr>
<tr>
<td>Northeast KS</td>
<td>15 / 30</td>
<td>10 / 19</td>
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<tr>
<td>Salina</td>
<td>5 / 9</td>
<td>6 / 11</td>
</tr>
<tr>
<td>Wichita</td>
<td>5 / 10</td>
<td>8 / 16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30 / 60</strong></td>
<td><strong>30 / 57</strong></td>
</tr>
</tbody>
</table>
State Invitations for Regional Winners

• Issue invitations to 1\textsuperscript{st} place regional finishers if their team does not qualify for the state tournament
  – Win medal if one of the top three places in what would be their school’s division
  – Does not affect other medals awarded
  – Does not affect team point totals
  – Adds a handful of students to the tournament
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<tr>
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<th>Room</th>
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<th>10:00 - 10:50</th>
<th>11:00 - 11:50</th>
<th>12:00 - 12:50</th>
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<td>304 Hubbard</td>
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<td>Anatomy</td>
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<td>Balloon Launch Glider</td>
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<td>Crave the Wave</td>
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<td>Road Scholar</td>
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<td>7:45 - 8:30</td>
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<td>Rocks and Minerals</td>
<td>106 Oecoby</td>
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<td>Scrambler</td>
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<td></td>
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</tr>
<tr>
<td>Write It, Do It</td>
<td>005 RSC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Team Schedule

## 2008 Kansas Science Olympiad Team Schedule

**School Name:** Ruppenthal Middle School  
**Team Number:** B 01  
**Coach:** Jim Balthazor  
**Home Room:** Hubbard 227

<table>
<thead>
<tr>
<th>EVENT</th>
<th>Impound Time</th>
<th>Participation Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphibians and Reptiles</td>
<td>none</td>
<td>2:00 p.m.</td>
<td>304 Hubbard</td>
</tr>
<tr>
<td>Anatomy</td>
<td>none</td>
<td>3:00 p.m.</td>
<td>Hubbard 209</td>
</tr>
<tr>
<td>Balloon Launch Glider</td>
<td>none</td>
<td>Walk-in (1-4 pm)</td>
<td>Haskel Gyn</td>
</tr>
<tr>
<td>Bio Process Lab</td>
<td>none</td>
<td>11:00 a.m.</td>
<td>632 Hubbard</td>
</tr>
<tr>
<td>Crove the Wave</td>
<td>none</td>
<td>11:00 a.m.</td>
<td>Hubbard 218</td>
</tr>
<tr>
<td>Disease Detectives</td>
<td>none</td>
<td>10:00 a.m.</td>
<td>Hubbard 204</td>
</tr>
<tr>
<td>Ecology</td>
<td>none</td>
<td>9:00 a.m.</td>
<td>Hubbard 211</td>
</tr>
<tr>
<td>Food Science</td>
<td>none</td>
<td>1:00 p.m.</td>
<td>McKinley 111</td>
</tr>
<tr>
<td>Meteorology</td>
<td>none</td>
<td>1:00 p.m.</td>
<td>McKinley 224</td>
</tr>
<tr>
<td>Metric Mastery</td>
<td>none</td>
<td>10:00 a.m.</td>
<td>Hubbard 306</td>
</tr>
<tr>
<td>Mystery Architecture</td>
<td>none</td>
<td>12:00 p.m.</td>
<td>Hubbard 412</td>
</tr>
<tr>
<td>Oceanography</td>
<td>none</td>
<td>10:00 a.m.</td>
<td>Geology 104</td>
</tr>
<tr>
<td>Reach for the Stars</td>
<td>none</td>
<td>12:00 p.m.</td>
<td>Hubbard 137</td>
</tr>
<tr>
<td>Road Scholar</td>
<td>none</td>
<td>12:00 p.m.</td>
<td>Hubbard 215</td>
</tr>
<tr>
<td>Robo-Cross</td>
<td>7:45 - 8:30 a.m.</td>
<td>10:50 a.m.</td>
<td>RSC 225</td>
</tr>
<tr>
<td>Rocks and Minerals</td>
<td>none</td>
<td>3:00 p.m.</td>
<td>Geology 106</td>
</tr>
<tr>
<td>Science Crime Busters</td>
<td>none</td>
<td>2:00 p.m.</td>
<td>McKinley 202</td>
</tr>
<tr>
<td>Science Word</td>
<td>none</td>
<td>10:00 a.m.</td>
<td>RSC 037</td>
</tr>
<tr>
<td>Scrambler</td>
<td>7:45 - 8:30 a.m.</td>
<td>11:00 a.m.</td>
<td>RSC Ballroom</td>
</tr>
<tr>
<td>Simple Machines</td>
<td>none</td>
<td>9:00 a.m.</td>
<td>Hubbard 021</td>
</tr>
<tr>
<td>Tower Building</td>
<td>7:45 - 8:30 a.m.</td>
<td>Walk-in (9-12)</td>
<td>Hubbard 223</td>
</tr>
<tr>
<td>Trajectory</td>
<td>7:45 - 8:30 a.m.</td>
<td>2:00 p.m.</td>
<td>RSC Ballroom</td>
</tr>
<tr>
<td>Write It Do It</td>
<td>none</td>
<td>8:00 a.m.</td>
<td>Hubbard 307</td>
</tr>
<tr>
<td>Awards Ceremony</td>
<td>none</td>
<td>4:30 p.m.</td>
<td>Haskel Gym</td>
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<td>Hubbard 202</td>
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<td>none</td>
<td>9:00 a.m.</td>
<td>211 Hubbard</td>
</tr>
<tr>
<td>Simple Machines</td>
<td>none</td>
<td>9:00 a.m.</td>
<td>021 Jabara</td>
</tr>
<tr>
<td>Write It Do It</td>
<td>none</td>
<td>9:00 a.m.</td>
<td>307 RSC</td>
</tr>
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</table>
## State Tournament Team Scoring

<table>
<thead>
<tr>
<th>Place</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 pts.</td>
</tr>
<tr>
<td>2</td>
<td>2 pts.</td>
</tr>
<tr>
<td>3</td>
<td>3 pts.</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>No participation</td>
<td>31 pts.</td>
</tr>
<tr>
<td>Disqualified</td>
<td>32 pts.</td>
</tr>
</tbody>
</table>
Awards

• Large school and small school divisions
  – High school – 900 students
  – Middle School – 350 students

• Medals in each event

• Team trophies

• Invitation to the National Tournament
Comments from Students

• I got more interested in science
• I learned science can be fun
• It has only reinforced my love for science
• Yes, it makes me think more about the process and less about just the facts.
• Before I was interested in science, but thought it would be difficult and boring when applied to life. Now I know that science is difficult, but a lot of fun. I know it is something I can do and understand. Science Olympiad has been very encouraging.
• Science is made more fun, challenging and exciting by Science Olympiad.
Comments from Coaches

• I find the problem solving that goes on to be the greatest benefit. It’s fun to see the kids take their ideas, put them to work, and test them where they can be judged.

• They gain confidence and most increase their enjoyment of learning about science.

• They become better science students and this in turn rubs off on other students.

• They are more responsible, better problem solvers, better researchers. They can do things on their own and have an increased sense of self worth from participating in this worthwhile event.
Thank you for attending

If you ever have any questions, please contact us

The regular coaches workshop will begin at 9:00 a.m.