

# DRAFT

## U.S. Department of Energy National Science Bowl

Thursday, April 29 - Tuesday, May 4, 2010  
Washington, D.C.

### DRAFT Schedule of Events

Thursday, April 29, 2010

#### Welcome, Middle School Teams Activity, and High School Teams Night Tour of the Monuments

<b>Location:</b>	National 4-H Youth Conference Center 7100 Connecticut Avenue Chevy Chase, MD 20815 (301) 961-2801  <i>Items in Blue = Middle School Only</i> <i>Items in Green = High School Only</i>
<b>Dress:</b>	<i>Casual Attire</i>
1:00 – 6:00 p.m.	Registration – <i>J.C. Penney Lobby &amp; Missouri</i>
<b>5:00 – 6:30 p.m.</b>	<b>Dinner</b> – <i>Clover Cafe</i>
7:00 – 7:30 p.m.	<i>Buses depart for Night Tour of Monuments – High School Only</i> Bus Route: Drop teams at Jefferson Memorial to walk around it; Drop at Lincoln Memorial & Pick up at Einstein Statue
7:30 – 7:50 p.m.	<i>Welcome Assembly for Middle School – Aiton Auditorium</i>
8:00 – 9:30 p.m.	<i>Middle School Activity and Refreshments – Clover Cafe</i>
8:00 – 11:00 p.m.	Board Games are available to be picked up at NSB Info Desk in J.C. Penney Lobby
10:00 – 10:30 p.m.	<i>Buses return to National 4-H Conference Center</i>
10:00 p.m.	<i>Curfew for Middle School – must be in sleeping rooms</i>
10:00 – 11:00 p.m.	<i>Refreshments for High School – Recreation Center</i>
10:30 p.m.	<i>Lights out for Middle School</i>

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- 11:00 p.m. | Return Board Games to NSB Info Desk
- 11:00 p.m. | All participants must be inside the 4-H buildings – Chevy Chase Noise Ordinance
- 11:00 p.m. | **Curfew for High School Teams & All Others** –participants must be in their rooms (students, coaches, alumni & coordinators) – Campus policy

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Friday, April 30, 2010

## Museums, Scavenger Hunt, Rules Review for Middle School, High School AP Test Review

<b>Dress:</b>	<i>Casual Attire - National Science Bowl T-Shirt</i>
<b>6:30 – 8:30 a.m.</b>	<b>Breakfast – Clover Cafe</b>
6:30 – 7:15 a.m.	Middle School Teams
7:30 – 8:15 a.m.	High School Teams
7:45 – 8:15 a.m.	Meeting for Regional Science Bowl Coordinators & Alumni – <i>America</i>
8:30 – 9:00 a.m.	Assembly for Middle School – <i>Ohio</i>
8:45 – 9:15 a.m.	Welcome Assembly for High School – <i>Aiton Auditorium</i>
9:00 a.m.	Middle School Teams & Coordinators Board Buses & depart for Museums
9:15 a.m.	High School Teams & Coordinators Board Buses & depart for Museums First bus is for those who want to go to the Holocaust Museum (HS only)
10:00 a.m.	Buses drop at 4 <sup>th</sup> & Independence Ave., SW (by Air & Space)
3:15 p.m.	Middle School Teams Meet & load buses at 4 <sup>th</sup> Street & Jefferson Drive, S.W. (Near Air & Space Museum)
4:00 p.m.	High School Teams Meet & load buses at 4 <sup>th</sup> Street & Jefferson Drive, S.W. (Near Air & Space Museum)
4:15 – 4:45 p.m.	Buses return to National 4-H Conference Center
<b>4:30 – 6:30 p.m.</b>	<b>Dinner – Clover Cafe (Bar-B-Q)</b>
4:30 – 5:30 p.m.	Middle School Teams
5:30 – 6:30 p.m.	High School Teams
6:30 – 8:15 p.m.	Assembly & Rules Review for Middle School Teams – <i>Ohio</i>
7:00 – 7:30 p.m.	Assembly for High School Teams – <i>Aiton Auditorium</i>
7:30 – 9:30 p.m.	Advanced Placement Test Review Sessions for High School Teams (see room schedule in J.C. Penney Lobby)
8:30 – 10:30 p.m.	Refreshments for Science Bowl Coordinators – <i>New York Lounge</i>
8:30 – 10:00 p.m.	Middle School Teams – Movie & Refreshments – <i>Aiton Auditorium</i>

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8:30 p.m.	Return Sports Equipment to 4-H Front Desk
8:30 – 10:30 p.m.	<i>Refreshments for High School Teams – Recreation Center</i> Board Games are available to be picked up at NSB Info Desk in J.C. Penney Lobby
10:00 p.m.	Curfew for Middle School – must be in sleeping rooms
10:30 p.m.	Lights out for Middle School
11:30 p.m.	Return Board Games to NSB Info Desk
12:00 Midnight	<i>Curfew for High School Teams &amp; All Others</i> – all participants must be in their rooms (students, coaches, alumni & coordinators) – Campus policy

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Saturday, May 1, 2010

## High School Science Day, Middle School Academic Competition

<b>Dress:</b>	<i>High School Teams: Casual Attire</i> <i>Middle School Teams: Regional T-Shirts</i> <i>Alumni: White NSB Polo</i> <i>Coordinators: Maroon Polo Shirts</i>
<b>6:30 – 8:30 a.m.</b>	<b>Breakfast</b> – <i>Clover Cafe</i>
6:30 – 7:15 a.m.	Middle School Teams
7:30 – 8:30 a.m.	High School Teams
7:00 – 8:00 a.m.	Volunteers Arrive for Middle School Academic Competition
7:30 – 9:00 a.m.	Question Review for Middle School Volunteer Moderators & Scientific Judges – Clover A/B
8:00 – Noon	Science Bowl Alumni Review Session – <i>Indiana</i>
8:00 – 9:00 a.m.	Volunteer Meetings for Middle School Academic Competition
8:30 a.m.	Photo of Middle School Teams – Front of JC Penney Hall
8:45 – 9:00 a.m.	Assembly for all High School Teams – <i>Aiton Auditorium</i>
9:00 – 10:15 a.m.	Saturday Science Bowl Seminars I – Plenary Session – <i>Aiton Auditorium</i> Speaker:
9:00 a.m.	Middle School Team Captains pick up Name Tents in JC Penney Lobby
	<b>Middle School Academic Tournament</b>
9:30 a.m.	Round Robin One
10:00 a.m.	Round Robin Two
10:30 – 11:45 a.m.	Saturday Science Bowl Seminars II – See Seminar Book for Details
10:30 a.m.	Round Robin Three
11:00 a.m.	<b>Break for Middle School Teams</b> (cereal bars, fruit & water in competition rooms)
11:15 a.m.	Round Robin Four
11:45 a.m.	Round Robin Five

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<b>11:30 – 1:30 p.m.</b> 11:30 – 12:30 p.m. 12:45 – 1:45 p.m.	<b>Lunch – <i>Clover Cafe</i></b> High School Teams Middle School Teams
12:15 p.m.	Round Robin Six
1:15 – 2:30 p.m.	Saturday Science Bowl Seminars III – See Seminar Book for Details
1:45 – 4:30 p.m.	Middle School - Activities for Teams not Competing in Double Elimination
2:00 p.m.	Round Robin Seven
2:50 p.m.	Middle School Coaches & Team Captains Meet in Aiton Auditorium
2:30 – 3:30 p.m.	Break & Refreshments for High School Teams – <i>Recreation Room</i>
3:00 – 3:30 p.m.	Middle School Tie-Breaks & Refreshments – <i>Recreation Room</i>
3:00 – 4:30 p.m.	Enhancement Activities for Middle School Teams – <i>Minnesota</i>
	<b>Middle School Double Elimination Competition</b>
3:45 p.m.	Double Elimination Round One
3:30 – 4:30 p.m.	High School Division Team Challenge Competition – Arrhenius, Bromery, Curie, and Darwin Divisions
4:15 p.m.	Double Elimination Round Two
4:30 – 5:30 p.m.	High School Division Team Challenge – Einstein, Fermi, Galileo, and Hypatia Divisions
<b>4:45 – 6:30 p.m.</b> 4:45 – 5:30 p.m. 4:45 – 5:30 p.m. 5:30 – 6:30 p.m.	<b>Dinner – <i>Clover Cafe</i></b> High School Teams – 4 Divisions that completed DTC Middle School Teams High School Teams – Last 4 Divisions that completed DTC
5:45p.m.	Double Elimination Round Three
6:15 p.m.	Double Elimination Round Four
6:45 p.m.	Double Elimination Round Five
7:00 – 8:30 p.m.	High School Assembly & Rules Review – <i>Aiton Auditorium</i>
7:15 p.m.	Double Elimination Round Six

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7:30 – 10:00 p.m.	Design Document Interviews/Judging – Students Only <ul style="list-style-type: none"><li>• Impound Lot (tweaking/fixing cars) – <i>Minnesota</i></li><li>• Interviews &amp; Judging – <i>Indiana</i></li></ul>
7:30 p.m.	Refreshments for Middle School Teams – <i>Ohio</i>
7:45 p.m.	Double Elimination Round Seven
8:30 – 10:30 p.m.	Competition Practice (optional) – see list of rooms to use at NSB Info Desk in J.C. Penney Lobby – High School Only
9:00 – 11:00 p.m.	Refreshments for High School Teams – <i>Recreation Room</i>
9:00 – 11:00 p.m.	Board Games are available to be picked up at NSB Info Desk in J.C. Penney Lobby
9:00 – 11:00 p.m.	Coaches & Alumni Social –
10:00 p.m.	Curfew for Middle School – must be in sleeping rooms
10:30 p.m.	Lights out for Middle School
11:30 p.m.	Return Board Games to NSB Info Desk
12:00 Midnight	Curfew for High School Teams & All Others – all participants must be in their room (Campus Policy)

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Sunday, May 2, 2010

## Middle School Hydrogen Solar Car Event, High School Academic Event

<b>Dress:</b>	<i>Casual Attire – High School Teams: Regional Science Bowl T-Shirt Middle School: Solar Car T-Shirts Regional Coordinators: Purple Polos</i>
<b>6:30 – 8:30 a.m.</b>	<b>Breakfast for All – Clover Cafe</b>
7:00 – 9:00 a.m.	Volunteer Officials arrive for High School Academic Competition
7:30 – 9:45 a.m.	Question Review for Moderators & Scientific Judges – <i>Clover A/B</i>
8:30 – 9:00 a.m.	Interfaith Worship Service – <i>Ohio</i>
9:00 – 9:30 a.m.	Solar Car Event Volunteer Officials Arrive at Bethesda Chevy Chase High School – Continental Breakfast for staff & volunteers
9:15 a.m.	Photograph of all High School participants – <i>front of J.C. Penney Hall</i> Photograph of Western Area Power Administration Teams Photograph of Society of Hispanic Professional Engineers Teams Photograph of NOBCCChE Teams
9:30 – 9:45 a.m.	High School Team Captains pick up name tents – JC Penney Lobby
9:45 – 10:00 a.m.	Middle School Teams report to Aiton Auditorium
10:15 a.m.	Middle School Teams Board Buses
11:00 – 5:30 p.m.	Middle School Solar Car Event at Bethesda Chevy Chase High School; 4301 East-West Highway; Bethesda, MD 20814
	<b>High School Round Robin Matches</b>
10:00 a.m.	Round Robin One
10:30 a.m.	Round Robin Two
11:00 a.m.	Round Robin Three
11:00 – Noon	Team Fine Tune Cars, Testing & Car Inspection – Auxiliary Gym
11:30 a.m.	Round Robin Four

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11:30 – 1:00 p.m. 11:30 a.m.	<b>Lunch for High School Teams &amp; Volunteers</b> Non-Competing Teams go to lunch Volunteers – Recreation Center
Noon – 1:00 p.m.	All other go to lunch
Noon – 1:00 p.m.	Lunch for Middle School Teams & Volunteers – Atrium
1:00 – 1:30 p.m.	Solar Car Announcements & Rules Review – Main Gym
1:30 – 2:00 p.m.	Solar Car Event – Time Trial 1 – Tennis Courts or Main Gym (if rain)
1:15 p.m.	Round Robin Five
1:45 p.m.	Round Robin Six
2:00 – 2:30 p.m.	Solar Car Event – Time Trial 2 – Tennis Courts or Main Gym (if rain)
2:15 p.m.	Round Robin Seven
2:30 – 3:00 p.m.	Solar Car Event – Time Trial 3 – Tennis Courts or Main Gym (if rain) Snack and Clean up Tables
2:45 – 3:15 p.m.	Break for High School Teams & Volunteers – <i>Recreation Room, Kansas Courtyard</i>
3:15 p.m.	Round Robin Eight
3:15 – 4:30 p.m.	Solar Car Event – Double Elimination Heats – Tennis Courts or Main Gym (if rain)
3:45 p.m.	Round Robin Nine
4:15 p.m.	Round Robin Ten
4:30 – 5:00 p.m.	Volunteers and Top Three Teams
<b>4:30 – 7:00 p.m.</b> 4:30 – 5:45 p.m. 6:00 – 7:00 p.m.	<b>Dinner – Clover Cafe</b> High School Teams & Volunteers Middle School Teams
4:45 p.m.	Round Robin Eleven
5:00 -5:30 p.m.	Assembly for Middle School Teams – Main Gym
5:30 p.m.	Middle School Teams Board Buses for Return to 4-H
5:45 p.m.	High School – Double Elimination Announcements in Recreation Center

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6:00 p.m.	High School Team Captains Receive Double Elimination Team Tents – <i>J.C. Penney Lobby</i>
6:30 p.m.	Board Games are available to be picked up at NSB Info Desk in J.C. Penney Lobby
6:30 p.m.	<b>High School Double Elimination Matches</b> High School Double Elimination Round One
7:00 p.m.	High School Double Elimination Round Two
7:30 p.m.	High School Double Elimination Round Three
7:30 – 9:30 p.m.	Middle School Teams Assembly & Slide Show – <i>Aiton Auditorium</i>
8:00 p.m.	High School Double Elimination Round Four  Return all 4-H sports equipment to Front Desk
8:30 p.m.	High School Double Elimination Round Five (visual bonus questions)
8:30 – 10:00 p.m.	Middle School Teams may check out at Registration Desk – need to pay excess charges. Drop key on Monday morning
9:00 – 11:00 p.m.	Refreshments for All Teams – <i>Clover Cafe</i> – Make your own sundae
9:10 p.m.	High School Double Elimination Round Six (visual bonus questions)
10:00 p.m.	Curfew for Middle School – must be in sleeping rooms
10:30 p.m.	Lights out for Middle School
11:00 p.m.	Return Board Games to NSB Info Desk  All participants must be inside the 4-H buildings – Chevy Chase Noise Ordinance
11:00 p.m.	Curfew for High School Teams & all other participants – all participants must be in their rooms (students, coaches, alumni & coordinators) – Campus policy

**Reminder: If your team is NOT competing on Monday, please be good SILENT neighbors.**

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Monday, May 3, 2010

## The Thrill of Victory & Capitol Hill Reception

<b>Dress:</b>	<i>High School: NSB Blue Polo Shirts, dress slacks (no kaki or cargo pants) /skirt, dress shoes</i> <i>Middle School: NSB Green Polo Shirts, dress slacks(no kaki or cargo pants)/skirt, dress shoes</i> <i>Regional Coordinators &amp; NSB Staff: Business Attire</i>
	Breakfast – All will receive boxed breakfast on buses
7:00 a.m.	Middle School Teams Check Out of Rooms – Take luggage to bus loading area
7:15 a.m.	Middle School Teams Board Buses w/luggage & Depart for National Building Museum (match Bus Number w/luggage tag number)
7:30 a.m.	High School Teams Board Buses & Depart for National Building Museum
	<b>National Building Museum</b> 401 F Street, NW, Washington, DC 20001
9:00 – 9:15 a.m.	All participants and guests assemble in audience chairs Introduction of special guests
9:30 a.m.	Middle School Round Eight – Final Match
10:00 a.m.	Middle School Round Nine – if necessary Match
10:40 a.m.	High School Round Seven – Semi-Final Match
11:15 a.m.	High School Round Eight – Final Match
11:55 a.m.	High School Round Nine – if necessary Match
12:20 p.m.	<b>Competition Ends</b>
12:45 – 1:00	<b>Keynote Address:</b>

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1:10 – 1:35 p.m.	<p><b><i>Presentation of Awards</i></b></p> <ul style="list-style-type: none"><li>• Middle School Top 4</li><li>• Middle School Solar Car (3 Race &amp; 1 Design Document)</li><li>• High School Top 12</li><li>• Middle School Civility</li><li>• High School Civility</li><li>• Middle School Top 4</li><li>• High School Top 4</li></ul>
1:45 – 2:45 p.m.	Luncheon
2:45 p.m.	Middle School Teams board buses & depart for Airports
3:15 p.m.	High School Teams board buses & depart for Capitol Hill
	<b>Capitol Hill Visitor’s Center</b> Washington, DC
5:00 – 7:00 p.m.	High School Teams Congressional Reception
7:00 p.m.	High School Teams board buses & depart for National 4-H Conference Center
8:00 p.m.	Teams arrive at National 4-H Conference Center
8:00 p.m.	Board Games are available to be picked up at NSB Info Desk in J.C. Penney Lobby
	Teams may check out with the registration desk by paying for any phone calls made from their rooms, etc. On Tuesday, you will just need to drop your key at the front desk & put your luggage in either Missouri or Kathleen’s Corner (please match luggage tag’s bus number with the sign posted on the wall in these rooms).
8:30 – 10:00 p.m.	Pizza, Salad Bar & Ice Cream – <i>Clover Café</i>
11:00 p.m.	All participants must be inside the 4-H buildings – Chevy Chase Noise Ordinance
	Return Board Games to NSB Info Desk
	Curfew – all participants must be in their rooms (students, coaches, coordinators) – Campus policy

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**Tuesday, May 4, 2010**

**Goodbye Until Next Year**

Dress:

*Casual Attire – traveling clothes*

6:30 – 8:00 a.m.

Breakfast – *Clover Café*

8:30 – 9:00 a.m.

High School Teams Board Buses and depart for airports