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2025 Science Olympiad B at North Syracuse Junior High  
March 8, 2025  
Coaches Meeting December 12, 2024

### **Meeting Attendees**

1. Bishop Ludden-Grace Babcock +Maxine Babcock
2. North Syracuse Shannon Kormanec+ Elise Vecchio
3. New Hartford -Mike Hinman
4. Boynton- Stephanie Perkins
5. Thousand Islands--Tim Bashaw

### **Missing Schools**

Camden Middle School  
Canastota  
Chittenango Middle School  
Eagle Hill Middle School  
Fabius-Pompey MS  
LaFayette/ Onondaga Nation School  
Liverpool Middle School  
Onondaga Hill  
Pine Grove Middle School

VENUE: North Syracuse Junior High  
School

ADDRESS: 5355 West Taft Road  
North Syracuse, NY 13212

WEBSITE INFORMATION: New York  
Midstate Science Olympiad B Regionals

SNOW DATE : March 22 at Bishop Ludden Junior-Senior High, 815 Fay Road, Syracuse, NY

DELAY POLICY: Coaches will be notified at 9 pm on Friday March 7 of any delay

OPENING TIME: 7 am

IMPOUND:7-8 am Any person may impound

CURRENT MEDAL PLACES: 1-6 Due to low registrations

CURRENT STATE SLOTS: TBD because of low registration

LUNCH BREAK: 11:20-11:50 for ALL TEAMS

SCHEDULE DESIGN: Maximizes ability at States

Build events are in the gyms.

Team rooms are on the 2<sup>nd</sup> Floor.

Test events are on the 3<sup>rd</sup> Floor.

Awards are in the Gym.

Event Locations will be updated on the master schedule.

Impound Events

*Air Trajectory*

*Mission Possible*

*Scrambler*

*Anyone can impound.*

*Impound Times 7-8 am.*

# Road Scholar

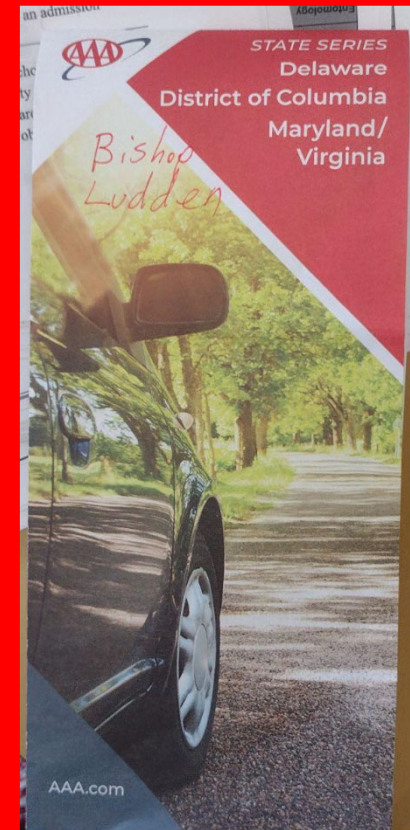
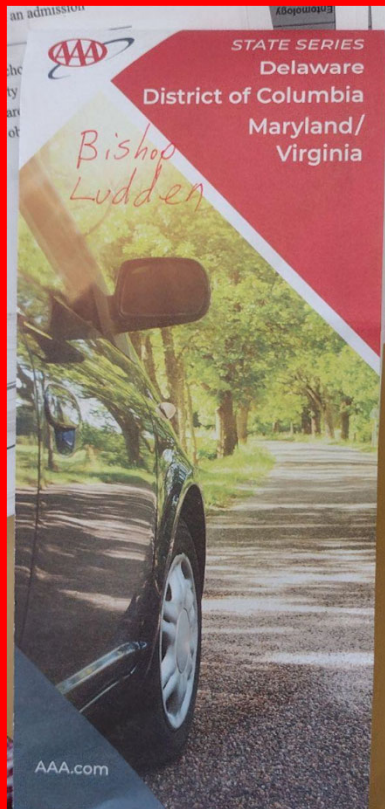
AAA STATE SERIES

7-24

Delaware

District of Columbia

Maryland/Virginia



### Self-Schedule Events

Coach #1 will receive a Google Form invitation for each event listing ranked choices for each event. This form will be sent on February 22, 2025

Numbers are low in terms of teams, so first or second choices will most likely be accommodated.

Notes that we are mirroring the State Schedule as closely as possible, so Optics and Wind Power will each be half hour tests in the first block with self-scheduling for the "do" portion of the event.



- Teams will be assigned a specific event to run, judge and score. Schools who are able to do two events will be greatly appreciated!
- Schools who are able to offer their varsity players and parents to assist are also greatly appreciated. Please contact me.

### Maxine Babcock Background

- Current Head Coach Bishop Ludden B and C
- I have volunteered ( 20 years), co-written Regional, State, and National tests, and coached ( 16 years) for B and/or C at Regionals and States.
- I am a co-founder of the Central New York Quizbowl Alliance, which is why our trial event is Science Bowl. Our goal is to bring more students into the different variations of quiz bowl competitions.
- My assistant will be my former captain, Ryan Skanes.
- My school email is [mbabcock@syrdiocese.org](mailto:mbabcock@syrdiocese.org)



- Teams will be assigned a specific event to run, judge and score. Schools who are able to do two events will be greatly appreciated!
- Schools who are able to offer their varsity players and parents to assist are also greatly appreciated. Please contact me. Bishop Ludden's varsity squad will be volunteering.

## Trial Event Details Science Bowl

### Alternates may play!

- Up to 4 Students play at a time per team.
- NAQT Style for questions and point system
- Study materials are available at [HSQuizBowl](#) and [IAC Competitions](#)
- Players may sub in at halftime, so up to four can sub out per game.
- Students must have a phone with data for buzzing on Buzzin.Live
- 10 Questions per game , one timeout per team
- Halftime after five questions.
- Small trophies for the top three teams
- Top Ten Players will receive All-Star Prizes
- Top Player will receive an individual trophy
- I'm envisioning the top student players playing against their coaches in the auditorium onstage with real buzzers.

## NAQT Rules and Resources

• No more than four people may play at a time. Teams may have rosters larger than four; substitutions may be made between games, at halftime, before overtime, or at any timeout. • Tossup questions are worth 10 points. However, a correct answer given at or before the “power mark” — indicated by an asterisk — earns 15 points. • A correct answer to a tossup (except in overtime) earns a bonus question: three parts worth 10 points each. • A player may signal (“buzz”) to answer a tossup at any point after the moderator has begun reading it. The moderator will stop reading when a player buzzes. Only one player per team may buzz on each tossup, and only the player who buzzed may give an answer. Players must begin answering within 3 seconds after being recognized. Teammates may not engage in verbal or written conferral during tossup questions. • If a player’s answer to a tossup is incorrect or the 3-second period has expired, the moderator will (if necessary) finish reading the question for the other team. Conferral is still not allowed. If a player on the second team buzzes and answers correctly, the second team earns the bonus. Otherwise, the tossup goes “dead”; the moderator will provide the correct answer and move on to the next tossup. • After the moderator has finished reading a tossup, players have 3 seconds in which to buzz. If one team answers incorrectly at this point, the other team has another 3 seconds in which to buzz. The exception to this rule is for computation tossups, for which 10 seconds are allotted; see Rule 6.6. • There is a 5-point penalty (“neg” or “interrupt”) if the first team to attempt answering a tossup gives an incorrect answer before the question has been completely read. If the power mark has not yet been reached (which will not be known to the players), the second team still has the opportunity to earn 15 points. There is no penalty for an incorrect answer after a tossup has been completely read, nor for a second incorrect answer. • A bonus question will have three parts, each with a separate clue for a separate answer. Occasionally a bonus will ask for multiple answers within a single part. Teams may confer on each part. The captain, or a player designated by the captain, should give the team’s answer. After the clue for a part has been read, teams have 5 seconds in which to answer; the moderator will ask for a response after 4 seconds. Bonus parts do not “bounce back”: if the team who controls the bonus (i.e., the team whose player answered the tossup) answers a part incorrectly, the non-controlling team has no opportunity to answer. • The moderator may ask for more information (also called a “prompt”) if an answer is correct but incomplete. Generally, for people, last names or other common names (“Moses,” “Madonna”) suffice. Titles of works must usually be exact. • A game consists of two timed halves or a fixed number of tossups (at the tournament director’s discretion). • If the score is tied at the end of the game, three overtime tossups (with no bonuses) will be played. If the score is still tied, more tossups will be read until the score changes.

# Trial Event Details Science Bowl

## Sample Questions

**Tossup Question 1:** Question: Sputnik Planitya is a part of this object's heart-shaped area called Tombaugh Regio, named after its discoverer. With five moons including Hydra and Nix, this space object was photographed by the New Horizons spacecraft\*. In 2006, scientists decided it was no longer a planet because it doesn't clear its path around the Sun. For 10 points, name this fascinating object in the Kuiper Belt!

**Answer:** Pluto

**Bonus Questions for Pluto Round:**

1. The brain has about 86 billion of these tiny communication cells. What are they called?  
**Answer:** Neurons
2. The human brain has three main parts. What is the lower part that connects to the spinal cord and helps with automatic movements?  
**Answer:** Brain stem
3. The brain can be divided into gray matter and another part named for its covered cell axons. What is this part called?  
**Answer:** White matter

# Trial Event Details Science Bowl

## Sample Questions

### Tossup Question 2: Chemical Reactions and Mountains

**Question:** Antoine Lavoisier proved that in this type of reaction, materials do not contain phlogiston. When there's not enough oxygen, carbon monoxide forms.\* Hydrocarbons produce water vapor and carbon dioxide during these reactions. For 10 points, name this heat-releasing reaction involving burning. **Answer:** Combustion reactions

#### Bonus Questions for Combustion/Geology Round:

1. Name these geological structures that form when tectonic plates collide, with their formation called "orogeny".  
**Answer:** Mountains
2. What type of fault creates block mountains, where fault blocks move horizontally with a nearly vertical fault plane?  
**Answer:** Strike-slip faults
3. Some mountain ranges form when a plateau undergoes a process that moves rocks or sediment from one place to another. What is this process?  
**Answer:** Erosion

## Details to Come

- Lunch/Food Options
- Height and dimensions of North Syracuse Junior High's Gyms
- Answers to any questions on builds or events
- Answers to any other questions