

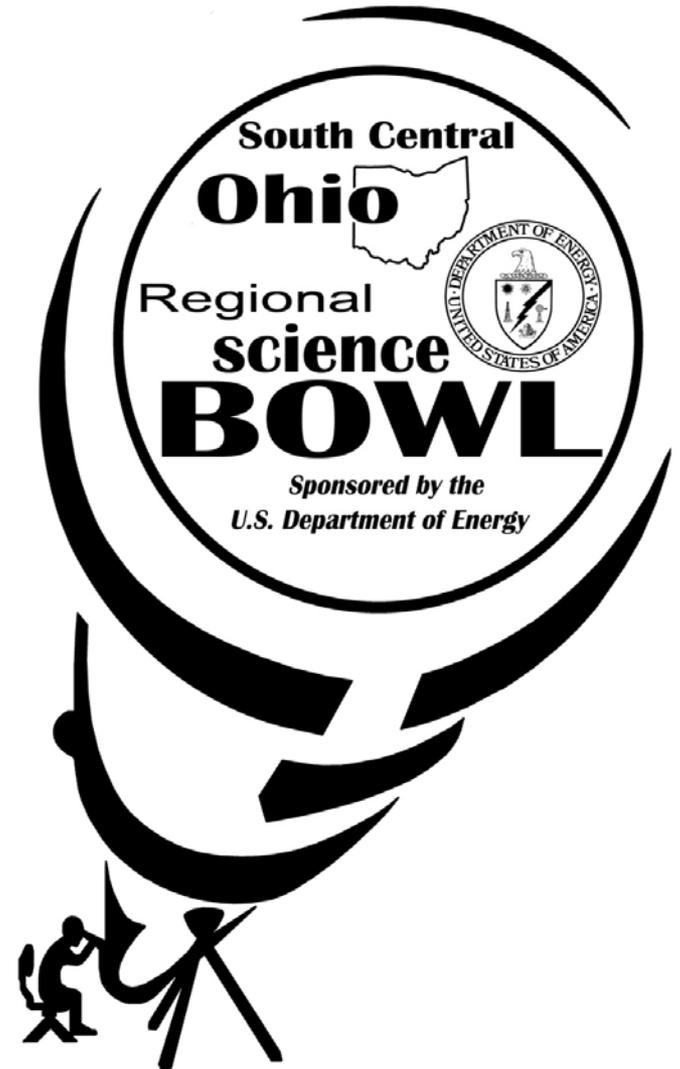


# U.S. Department of Energy 2013 Regional Science Bowl

Site Specific Advisory Board,  
Community Engagement  
Subcommittee

Presented by Jeff Wagner,  
Fluor-B&W Portsmouth

January 15, 2013





# What is the Science Bowl?

- A highly competitive science education and academic event sponsored by DOE
  - Seeks to encourage students to expand their knowledge of math and science
  - Raises visibility of academic achievement in the sciences
  - Attracts more than 14,000 students nationwide, including more than 10,000 at the high school level in 2012





# What is the Science Bowl?

- Competition Overview
  - National event now in its 23<sup>rd</sup> year
  - High School and Middle School components
  - Teams are comprised of:
    - 4 players
    - 1 alternate
    - 1 coach
  - Regional science bowl championship team receives an all-expense paid trip to compete at the national event in Washington DC April 25-29, 2013





# What is the Science Bowl?

- Competition Overview (continued)
  - High school students are quizzed on the following topics at the regional and national levels:
    - Biology
    - Chemistry
    - Physics
    - Earth and space science
    - Energy
    - Math





# The Regional Competition

- Location
  - Campus of Shawnee State University in Portsmouth
- Date
  - Friday, March 8th, 2013
- Format (Brackets)
  - Morning – Teams compete in Round Robin pool tournaments (4 or 5) to determine seeding for afternoon play
    - Check-in begins at 8:00 a.m. with official welcome at 8:30 a.m.
    - Pool play will begin at 9:00 a.m.
  - Afternoon – Single-elimination tournament resulting in a Regional Champion / National Qualifier



# The Regional Competition



- **Format (Matches)**

- 8-minute halves with a 2-minute intermission
- 2 types of questions will be used
  - Toss-up
  - Bonus



- **Format (Officials)**

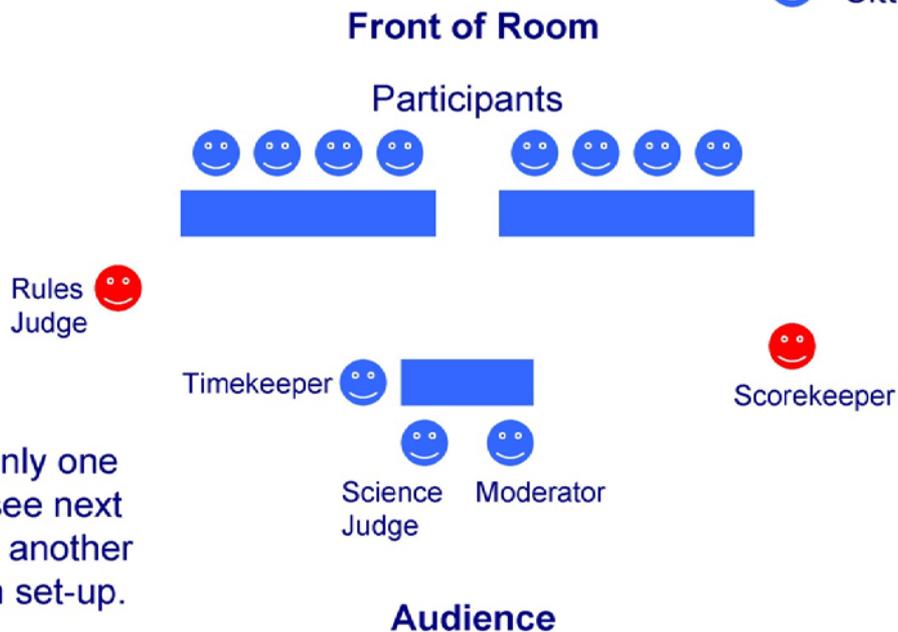
- Each competition room will be staffed as follows:
  - Moderator – Responsible for controlling each match
  - Scientific Judge – Resolves question challenges
  - Scorekeeper – Awards points and records the score
  - Rules Judge – Ensures all competition rules are followed
  - Timekeeper – Operates the official competition time clock



# The Regional Competition

- Layout Options

## NSB Competition Room Set-Up (Audience can see students faces)



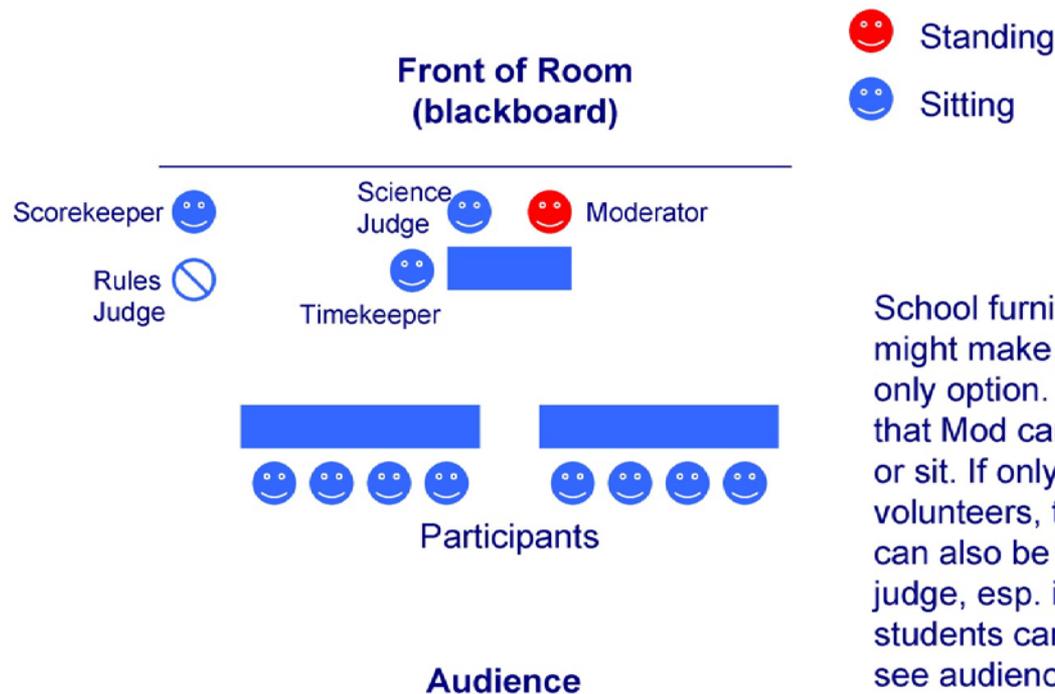
This is only one option, see next page for another common set-up.



# The Regional Competition

- Layout Options

Competition Room Set-up in University Classroom  
with limited volunteers  
(Audience cannot see students)





# The Regional Competition

20 teams representing 13 Southern Ohio schools

## Jackson High School



- Coach: Stephen Cochran
- Student: Billy Erickson
- Student: Austin Odom
- Student: Madi Hutchinson
- Student: Ben Keefer
- Student: Katie Malott

## Chillicothe High School



- Coach: Joshua Queen
- Student: Jessica Pentecost
- Student: Jacob Scharfetter
- Student: Mark Hirsch
- Student: Tiffany Noel
- Student: Clark Leith

## Waverly High School



- Coach: Amanda Entler
- Student: Thomas George
- Student: Shana Parker
- Student: Madison Patrick
- Student: Tristan Woodard
- Student: Sheridan Mclean

## Waverly High School



- Coach: Amanda Entler
- Student: Jacob Pfeifer
- Student: Jennifer Wall
- Student: Jennifer Prewitt
- Student: Chase Ward
- Student: Liza Wall



# The Regional Competition

20 teams representing 13 Southern Ohio schools

## Western High School



- Coach: Roger Holbrook
- Student: Katelyn Bradford
- Student: Cody Goodrich
- Student: Chandler Grooms
- Student: Brittany Reader
- Student: Whitney May

## Western High School



- Coach: Roger Holbrook
- Student: Jeffrey Forbes
- Student: Christian Woods
- Student: Alexis Coulson
- Student: Brittany Collins
- Student: Kabree Tong

## Minford High School



- Coach: Brett Oakes
- Student: Alex Powell
- Student: Mason Harris
- Student: Devon Shockley
- Student: Oliver Rudmann
- Student: Haley King

## Minford High School



- Coach: Brett Oakes
- Student: Ethan Lawson
- Student: Jamie Justice
- Student: Jonathan Lawrence
- Student: Morgan Thornsberry
- Student: Mikhaila Roe



# The Regional Competition

20 teams representing 13 Southern Ohio schools

## Portsmouth West High School



- Coach: Jackie Burton
- Student: Allie Hoggard
- Student: Katie Bragdon
- Student: Stevie Matthews
- Student: Michael Hafer
- Student: Jason Conchafsky

## Portsmouth West High School



- Coach: Jackie Burton
- Student: Kara Richards
- Student: Tori Leader
- Student: Kelsey Reiser
- Student: Christian Martin
- Student: Austin Wetzel

## Northwest High School



- Coach: Marcella Kuhn
- Student: Eric Harr
- Student: Austin Ferguson
- Student: Ronald Emmons
- Student: Jason Montavon
- Student: Vincent Shirey

## Northwest High School



- Coach: Marcella Kuhn
- Student: Dylan Amburgey
- Student: Whitney Jenkins
- Student: Brooke Miller
- Student: Ivy Potter
- Student: Nathaniel Wartluft



# The Regional Competition

20 teams representing 13 Southern Ohio schools

## Lucasville Valley High School



- Coach: Alison Braun
- Student: James Bean
- Student: Taylor Golden
- Student: Adam Friend
- Student: Matt Crabtree
- Student: Megan Knox

## Lucasville Valley High School



- Coach: Randy McClay
- Student: Matthew Bennett
- Student: Morgan Castle
- Student: Whitney Wright
- Student: Johelen Taylor
- Student: Nate Arnett

## Glenwood High School



- Coach: Andrew Ralstin
- Student: Teagen Queen
- Student: Audriana Lindamood
- Student: Ashley Mulvey
- Student: Brian Pack
- Student: Gabrielle Kessinger

## Sciotoville Community High School



- Coach: Brian McClure
- Student: Patrick Bias
- Student: Joshua Artis
- Student: Cortney Melton
- Student: Brianna Wiesenhofer
- Student: Paul Lloyd



# The Regional Competition

20 teams representing 13 Southern Ohio schools

## Paint Valley High School



- Coach: Cathy Daugherty
- Student: Charlene Stout
- Student: Zach Richardson
- Student: Riley Markko
- Student: Adele Ratliff
- Student: Austin Miller

## Paint Valley High School



- Coach: Cathy Daugherty
- Student: Taylor Baker
- Student: Shania Logan
- Student: Aaron Purvis
- Student: Haley Woods
- Student: Erin Riley

## Zane Trace High School



- Coach: Nancy Robertson
- Student: Emily Joosse
- Student: Beau Bilek
- Student: Jessica Proehl
- Student: Tyler Moore
- Student: Kasandra Dalton

## Notre Dame High School



- Coach: Matt Mader
- Student: Jacob Milani
- Student: Bobby Morris
- Student: Jessica Schmidt
- Student: Will Haney
- Student: Colin Haskins

# The Regional Competition



- How can members of the SSAB help?
  - Become a volunteer and be an integral part of the event's success
  - Show your support for the event and the participating students by spreading the word at public gatherings, sporting events, etc.
  - Contact Deneen Revel at 740-897-2609 or [deneen.revel@fbports.com](mailto:deneen.revel@fbports.com) to let us know how you'd like to help!