

The background features a complex scientific theme. On the left, there are chemical structures including a benzene ring with an oxygen atom (O₂), a nitrogen atom (N), and a water molecule (H₂O). On the right, there is a stylized atomic model with a central nucleus and orbiting electrons. The overall color palette is a gradient of dark blue, purple, and brown.

AWARDS CEREMONY!

2023 Science Olympiad State Championships
Division B

The background features a dark blue and purple gradient with faint, semi-transparent chemical structures and atomic models. On the left, there are skeletal structures of organic molecules with labels for atoms like N, O₂, and H. On the right, there are Bohr-style atomic models with a central nucleus and orbiting electrons. The overall theme is scientific and celebratory.

CONGRATULATIONS!

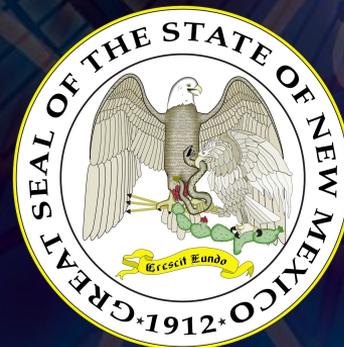
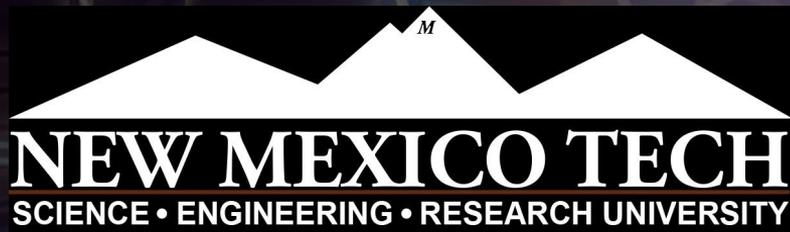
You did it! You got to state! And did great stuff!

GRATITUDE

Thank you!!

- Coaches
- Parents
- Event Supervisors/Arbitrators/Scoremasters
- NMT departments
- Volunteers
- Facilities
- NMT Dining
- STEM Outreach TEAM!
- Science Olympiad Director

...and of course our Science Olympians!!!



NEUROPLASTICITY

Neu·ro·plas·tic·i·ty

NOUN

the ability of the brain to form and reorganize synaptic connections, especially in response to learning or experience or following injury

FERMI QUESTION!

How many thoughts do we have everyday?

- A. 700
- B. 7,000
- C. 70,000
- D. 700,000

RETICULAR ACTIVATING SYSTEM (RAS)

The RAS

- A. Is the gatekeeper of information into the brain
- B. Is a bundle of neurons about the size of your little finger at the of your spinal column
- C. Helps your brain decide what information is important and what isn't based on your questions

(Raise your hand to all that apply)

AERIAL SCRAMBLE

1 Mesa View, MVMS

2 Albuquerque Academy, AA SO

3 Tse Bit ai, TBA-Blue

4

5

6

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10

ANATOMY AND PHYSIOLOGY

1

Cottonwood Valley Charter School, Cottonwo...

2

Albuquerque School of Excellence, ABQSE

3

Hatch Valley, HVMS (+0.01)*

4

Cottonwood Classical Preparatory School, CCPS

5

Albuquerque Academy, AA SO

Houston, Houston MS (+0.01)*

Wilson, WMS SO

Kirtland, KMS1

Mesa View, MVMS

Sidney Gutierrez School, SGMS

6

7

8

9

10

BIO PROCESS LAB

1 Wilson, WMS SO

2 Albuquerque Academy, AA SO

3 Albuquerque School of Excellence, ABQSE

4 Sierra, Sierra MS

5 Houston, Houston MS (+0.01)*

Cottonwood Valley Charter School, Cottonwo...

Cottonwood Classical Preparatory School, CCPS

Sidney Gutierrez School, SGMS

Cloudcroft, CMS Bears

Hatch Valley, HVMS (+0.01)*

6

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BRIDGE

1

Albuquerque School of Excellence, ABQSE

2

Albuquerque Academy, AA SO

3

Cottonwood Classical Preparatory School, CCPS

4

Hermosa, Hermosa Red

5

Albuquerque Area Homeschoolers, AAH

Cottonwood Valley Charter School, Cottonwo...

6

Sarracino, SMS SO

7

Kirtland, KMS1

8

Wilson, WMS SO

9

Cloudcroft, CMS Bears

10

CANT JUDGE A POWDER

1

Cottonwood Classical
Preparatory School, CCPS

2

Albuquerque School of
Excellence, ABQSE

3

Wilson, WMS SO

4

Sidney Gutierrez School, SGMS

5

Cottonwood Valley Charter
School, Cottonwo...

Cloudcroft, CMS Bears

6

Albuquerque Academy, AA SO

7

Houston, Houston MS (+0.01)*

8

Albuquerque Area
Homeschoolers, AAH

9

Mesa View, MVMS

10

CODEBUSTERS

- 1 Cottonwood Classical Preparatory School, CCPS
- 2 Albuquerque Area Homeschoolers, AAH
- 3 Albuquerque School of Excellence, ABQSE
- 4 Houston, Houston MS (+0.01)*
- 5 Sierra, Sierra MS

Heights, Heights

6

Taylor, Taylor

7

Sarracino, SMS SO

8

Wilson, WMS SO

9

Albuquerque Academy, AA SO

10

CRAVE THE WAVE

- 1 Cottonwood Classical Preparatory School, CCPS
- 2 Houston, Houston MS (+0.01)*
- 3 Cottonwood Valley Charter School, Cottonwo...
- 4 Albuquerque School of Excellence, ABQSE
- 5 Sierra, Sierra MS

Wilson, WMS SO

Albuquerque Area Homeschoolers, AAH

Hermosa, Hermosa Red

Tibbetts, Tibbetts

Kirtland, KMS1

6

7

8

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10

CRIME BUSTERS

1 Albuquerque Academy, AA SO

2 Cottonwood Valley Charter School, Cottonwo...

3 Sidney Gutierrez School, SGMS

4 Sierra, Sierra MS

5 Cottonwood Classical Preparatory School, CCPS

Kirtland, KMS1

Houston, Houston MS (+0.01)*

Mesa View, MVMS

Albuquerque School of Excellence, ABQSE

Hatch Valley, HVMS (+0.01)*

6

7

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9

10

DISEASE DETECTIVES

1

Albuquerque Area
Homeschoolers, AAH

2

Wilson, WMS SO

3

Sidney Gutierrez School, SGMS

4

Albuquerque School of
Excellence, ABQSE

5

Cottonwood Valley Charter
School, Cottonwo...

Kirtland, KMS1

6

Albuquerque Academy, AA SO

7

Sierra, Sierra MS

8

Cottonwood Classical
Preparatory School, CCPS

9

Lovington Sixth Grade
Academy, Sixth Grade...

10

DYNAMIC PLANET

1

Cottonwood Valley Charter School, Cottonwo...

2

Albuquerque Academy, AA SO

3

Cottonwood Classical Preparatory School, CCPS

4

Sierra, Sierra MS

5

Cloudcroft, CMS Bears

Albuquerque Area Homeschoolers, AAH

6

Tse Bit ai, TBA-Blue

7

Albuquerque School of Excellence, ABQSE

8

Sarracino, SMS SO

9

La Plata, LPMS

10

EXPERIMENTAL DESIGN

1 Sidney Gutierrez School, SGMS

2 Cottonwood Valley Charter School, Cottonwo...

3 Hermosa, Hermosa Red

4 Albuquerque Academy, AA SO

5 Wilson, WMS SO

Lovington Sixth Grade Academy, Sixth Grade...

Taylor, Taylor

Sierra, Sierra MS

Cottonwood Classical Preparatory School, CCPS

Mesa View, MVMS

6

7

8

9

10

FAST FACTS

1 Cottonwood Classical Preparatory School, CCPS

2 Houston, Houston MS (+0.01)*

3 Wilson, WMS SO

4 Albuquerque Area Homeschoolers, AAH

5 Lovington Sixth Grade Academy, Sixth Grade...

Albuquerque School of Excellence, ABQSE

Albuquerque Academy, AA SO

Cottonwood Valley Charter School, Cottonwo...

Hermosa, Hermosa Red

La Plata, LPMS

6

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FLIGHT

1

Albuquerque Area
Homeschoolers, AAH

2

Sidney Gutierrez School, SGMS

3

Albuquerque School of
Excellence, ABQSE

4

Albuquerque Academy, AA SO

5

Wilson, WMS SO

Sarracino, SMS SO

6

Tse Bit ai, TBA-Blue

7

Cottonwood Classical
Preparatory School, CCPS

8

Hermosa, Hermosa Red

9

Cloudcroft, CMS Bears

10

FORESTRY

1

Albuquerque School of Excellence, ABQSE

2

Wilson, WMS SO

3

Cottonwood Valley Charter School, Cottonwo...

4

Cottonwood Classical Preparatory School, CCPS

5

Sidney Gutierrez School, SGMS

Sierra, Sierra MS

6

Tibbetts, Tibbetts

7

Mesa View, MVMS

8

Taylor, Taylor

9

Hatch Valley, HVMS (+0.01)*

10

GREEN GENERATION

1

Cottonwood Classical
Preparatory School, CCPS

2

Cottonwood Valley Charter
School, Cottonwo...

3

Albuquerque Academy, AA SO

4

Heights, Heights

5

Sidney Gutierrez School, SGMS

La Plata, LPMS

6

Wilson, WMS SO

7

Albuquerque Area
Homeschoolers, AAH

8

Sierra, Sierra MS

9

Tse Bit ai, TBA-Blue

10

METEOROLOGY

1

Cottonwood Valley Charter School, Cottonwo...

2

Sierra, Sierra MS

3

Lovington Sixth Grade Academy, Sixth Grade...

4

Albuquerque Academy, AA SO

5

La Plata, LPMS

Mesa View, MVMS

6

Wilson, WMS SO

7

Cloudcroft, CMS Bears

8

Taylor, Taylor

9

Cottonwood Classical Preparatory School, CCPS

10

ROAD SCHOLAR

- 1** Heights, Heights
- 2** Tse Bit ai, TBA-Blue
- 3** Albuquerque School of Excellence, ABQSE
- 4** Cottonwood Valley Charter School, Cottonwo...
- 5** Kirtland, KMS1

- Mesa View, MVMS **6**
- Cottonwood Classical Preparatory School, CCPS **7**
- Albuquerque Academy, AA SO **8**
- Lovington Sixth Grade Academy, Sixth Grade... **9**
- Houston, Houston MS (+0.01)* **10**

ROCKS AND MINERALS

1 Sierra, Sierra MS

2 Albuquerque School of Excellence, ABQSE

3 Cottonwood Valley Charter School, Cottonwo...

4 Albuquerque Academy, AA SO

5 Sidney Gutierrez School, SGMS

Cottonwood Classical Preparatory School, CCPS

Tse Bit ai, TBA-Blue

Houston, Houston MS (+0.01)*

Wilson, WMS SO

Taylor, Taylor

6

7

8

9

10

ROLLER COASTER

1

Albuquerque Area
Homeschoolers, AAH

2

Sierra, Sierra MS

3

Wilson, WMS SO

4

Cottonwood Valley Charter
School, Cottonwo...

5

Houston, Houston MS (+0.01)*

Heights, Heights

6

Albuquerque School of
Excellence, ABQSE

7

Hatch Valley, HVMS (+0.01)*

8

Lovington Sixth Grade
Academy, Sixth Grade...

9

Kirtland, KMS1

10

SOLAR POWER

1

Tse Bit ai, TBA-Blue

2

3

4

5

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10

SOLAR SYSTEM

1

Cottonwood Classical
Preparatory School, CCPS

2

Wilson, WMS SO

3

Tse Bit ai, TBA-Blue

4

Cottonwood Valley Charter
School, Cottonwo...

5

Albuquerque Academy, AA SO

Houston, Houston MS (+0.01)*

Albuquerque School of
Excellence, ABQSE

Albuquerque Area
Homeschoolers, AAH

Mesa View, MVMS

Heights, Heights

6

7

8

9

10

SOUNDS OF MUSIC

1

Lovington Sixth Grade Academy, Sixth Grade...

2

Albuquerque Academy, AA SO

3

Kirtland, KMS1

4

Wilson, WMS SO

5

Albuquerque School of Excellence, ABQSE

Cottonwood Classical Preparatory School, CCPS

6

Houston, Houston MS (+0.01)*

7

Cottonwood Valley Charter School, Cottonwo...

8

Sidney Gutierrez School, SGMS

9

La Plata, LPMS

10

STORM THE CASTLE

1 Sarracino, SMS SO

2 Cottonwood Valley Charter School, Cottonwo...

3 Taylor, Taylor

4 Kirtland, KMS1

5 Cottonwood Classical Preparatory School, CCPS

Albuquerque Academy, AA SO

Wilson, WMS SO

Cloudcroft, CMS Bears

Albuquerque Area Homeschoolers, AAH

Albuquerque School of Excellence, ABQSE

6

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10

WHEELED VEHICLE

1

Albuquerque Area
Homeschoolers, AAH

2

Albuquerque Academy, AA SO

3

Hermosa, Hermosa Red

4

Cottonwood Valley Charter
School, Cottonwo...

5

Houston, Houston MS (+0.01)*

Sarracino, SMS SO

6

Albuquerque School of
Excellence, ABQSE

7

Kirtland, KMS1

8

Sidney Gutierrez School, SGMS

9

Wilson, WMS SO

10

WRITE IT DO IT

1 Wilson, WMS SO

2 Lovington Sixth Grade Academy, Sixth Grade...

3 Sidney Gutierrez School, SGMS

4 Tse Bit ai, TBA-Blue

5 Kirtland, KMS1

La Plata, LPMS

Cloudcroft, CMS Bears

Cottonwood Classical Preparatory School, CCPS

Cottonwood Valley Charter School, Cottonwo...

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COACH OF THE YEAR

Tommie McSherry, Cottonwood Valley Charter School

SPIRIT AWARD

Sydney Gutierrez Middle School

for their amazing sportsmanship, spirit, and generosity!



OVERALL RESULTS!

OVERALL PLACE

1ST

Cottonwood Valley Charter School, Cottonwo...

2ND

Cottonwood Classical Preparatory School, CCPS

3RD

Albuquerque Academy, AA SO

4TH

Wilson, WMS SO

5TH

Albuquerque School of Excellence, ABQSE