

Chattanooga, TN

41°

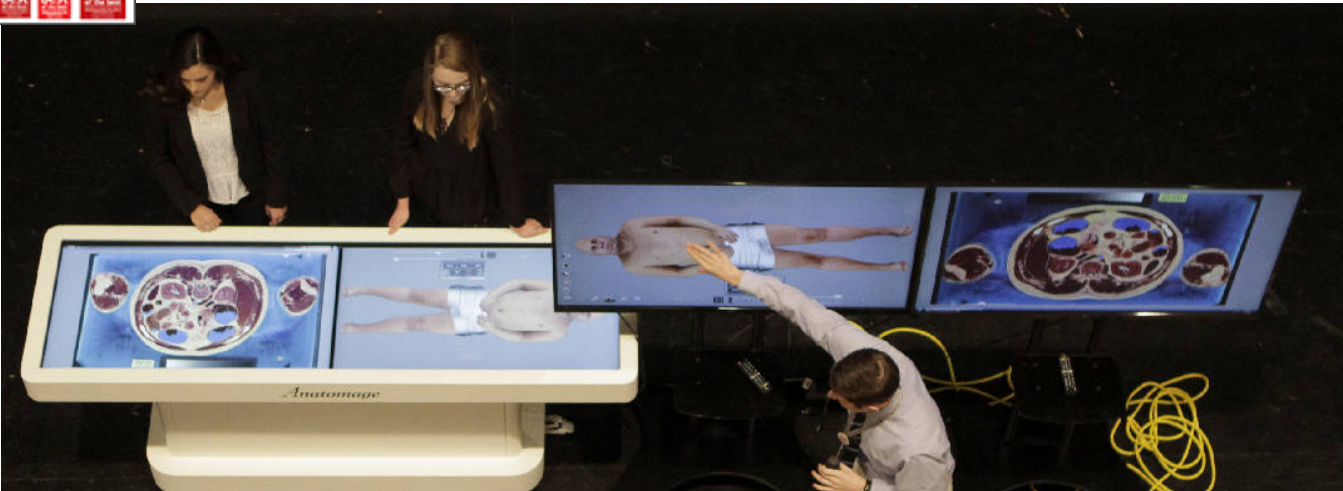
View Live Radar

✓ County Schools unveils state-of-the-art digital dissection tool

Weather
Sponsored
By:

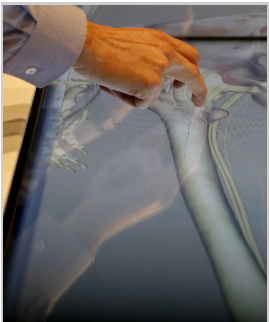


7th, 2018 | by **Meghan Mangrum** | in Local Regional News | Read Time: 3 mins. |



Students Olivia Dillard, left, and Mattie Jones help science teacher Drew German demonstrate an Anatomage table in the auditorium at Bradley Central High School on Monday, Feb. 5, 2018 in Cleveland, Tenn. The Anatomage virtual dissection table allows students in health and science courses to manipulate real-life, virtual human cadavers.

Photo by C.B. Schmelter



Science teacher Drew German demonstrates an Anatomage table...

Bradley Central High School unveiled its newest addition — a virtual dissection table — at an open house Monday night.

The \$70,000 digital table, made by Anatomage, allows

Photo by C.B.
Schmelter

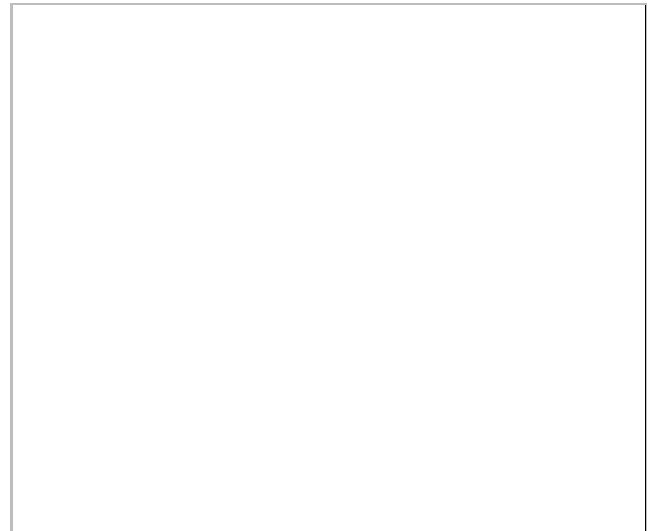
students in health
and science courses
to manipulate virtual
human cadavers.

"This is a big benefit for our students,"
said Bradley Central High health science
teacher Cindy Leslie. "The neat things are
these are real bodies with their own
stories to tell."

Students in classes such as biology,
anatomy, health science and other
courses that are part of the school's
certified nursing assistant, agricultural
science and first responder programs are
able to use the tables during labs. They
can view the bodies in myriad ways —
through cross cuts, by isolating different
systems of the body such as the nerves
or the circulatory systems and even
explore case studies of different diseases
or conditions already available.

"We can identify different organs, bones,
muscles, nerve systems," said Drew
German, a Bradley Central High teacher.
"It's sometimes hard for our kids to
grasp a concept like how a certain
muscle runs from one place to here it's a
lot easier to do it on the table because
you can pull up the whole systems."

In 2014, **Bradley County Schools** was
awarded a \$4.5 million federal grant to
coordinate education and work and
career opportunities. The Youth Career
Connect Grant, which was awarded to 27
school districts nationwide, made it
possible for the district to purchase two
Anatomage tables — one for Bradley
Central High and one for Walker Valley



Chattanooga Times Fr...
136,618 likes

Like Page

Share

Be the first of your friends to like this



2016 Nissan Versa
Note S



\$9,000

6643 Declaration Dr



\$299,900

Beds: 5 - Baths: 4
Hixson, TN 37343
Paula McDaniel

Latest Articles

Lookout Valley standoff ends, suspect in custody >

Hamilton County school board meets today in
first executive session of the year >

High.



Student Mattie Jones, center, looks on as fellow...

Photo by C.B. Schmelter

The district already has plans for the tables, which were received in November 2017, including using them as a community resource, said Brittany Cannon, work-based learning coordinator for the district. Local nurses, physicians and even

Tennova Healthcare representatives were invited to Monday's open house to see the tables in action.

"It is such a superb tool," said Dr. William Johnson, a retired Tennova general surgeon who along with other community members was invited onstage Monday to interact with the table. "There are certain parts of anatomy that [are] really difficult to teach and learn and this gets them in depth."

Typically, high schools don't often have access to equipment like this — the University of Tennessee has an Anatomage table at the UT Health Science Center and Vanderbilt University has one.

The school district hopes to reach out to local colleges and universities such as Cleveland State and Chattanooga State and Lee University students who can work alongside Bradley County's high school students.

"There's endless possibilities to create

Search for Marion County, Tenn., man missing since 2016 comes up empty >

Lucas Warren of Dalton, Ga., is first baby with Down syndrome to win Gerber photo search >

these collaborative, sustainable environments," Cannon said.

Bradley Central High has more than a dozen career and technical programs, and many of the students in those programs have already been able to use the innovation table.

"It's really awesome," said Mattie Jones, a senior at Bradley Central who also registered her certified nursing assistant license through the school's program.

"Usually, we just have worksheets and mannequins and skeletons, but sometimes it's easier to see it or you can see more when it is real."



Students Olivia Dillard, left, and Mattie Jones help...

Photo by C.B. Schmelter

Jones plans on completing the first responder program at Bradley Central and continuing her education to be an EMT at Cleveland State.

"I'm learning just as much as they do," German said. "I love

lab days with these things, because I get to learn, too."

The grant the district received encouraged expanding career and technical programs, specifically in health care, information technologies and advanced manufacturing, according to Cannon.

The district is also working on opening its Partners in Education Center that will house a STEM innovation hub, bringing

some of those resources under one roof.

"It's such a wonderful teaching tool," said District 1 school board member Nancy Casson. "The fact that they can work on it in the classroom is amazing."

Contact staff writer Meghan Mangrum at mmangrum@timesfreepress.com or 423-757-6592. Follow her on Twitter @memangrum.