

New for Jan/Feb



One-of-a-kind sculptures created by Caterpillar employees from East Peoria, Illinois (on-site scavenger hunt activity)



Simple Machine Scavenger Hunt for Grades 3 & 4 (on-site activity)

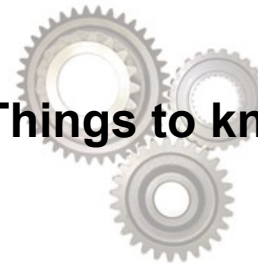


Save the Date! Educator Open House at the Peoria Riverfront Museum—Feb. 23



Schedule a field trip in February and share the Fabrication Sculpture Exhibit with your students

Things to know



Field Trip Pricing

Students age 12 and under (K—7th Grade) - no charge

Students age 12 and over (8th—12th grade) - \$3.00 each

Adults / Teachers / Chaperones - \$3.00 each

One adult / teacher / chaperone free per ten paid students

Bus drivers are welcome at no charge

Sparking creativity from East Peoria Comes to the Caterpillar Visitors Center

Fabrication sculpture exhibit

It takes a lot of skill to build the best track-type tractors in the world. Over the course of five weeks, four teams of Caterpillar employees from East Peoria, Illinois, showcased their talents by designing and building one-of-a-kind works of art by welding together scrap materials.



Often, some of the best welds are beneath the surface and are never seen by Caterpillar customers, like the sphere pictured above. The Front Track Roller Frame team used a template to cut 15 steel slices that they later welded together to make a perfectly round globe.

Meet the Teams

These four teams represent the hard working and dedicated employees across the East Peoria, Illinois campus. More than 60 employees participated in the engagement team, which planned and hosted the facility's first-ever fabrication sculpture competition. The employees listed below created the sculptures on display at the Caterpillar Visitors Center.

Our Heritage

Medium Rear Track Roller Frame Team

Tammie McQuaid, Sean Weaver, Kim Wyatt, Darren Belville, Steve Matthews, Brandon Weller, Loyd (Lee) Clawson, Judy Bishop, Rob Ivey, Tim Brewster, Dave Harshbarger, Chad Swibold, Scott Robinson, Mark Kerley, Ryan Filley, Nick Summers

People's Choice

Case to Frame Team

Travis Lutes, Tom Wilson, Josh Phillips, Cameron Perera, Dustin Tippey, Tim Girard, Justin Ackman, Jeff Thomas, Chad Young, Josh Frainer

Fully Operational

Front Track Roller Frame Team

Van Myers, Jim Garls, Brian Travis, Rudy Turner, Jeff Smith, Randy Peters, Jimmie Spencer, Dan Shuda, Wayne Layne, Bill Fralick, Ryan Dunbar, Doug Saletzki, Jared Allen, Mike Smith, Tony Polich

Most Artistic

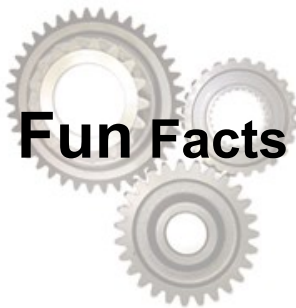
Large Weld Team

Doug Butler, Chuck Charland, Larry Andereck, Joe Haynes, Eric Bertolet, Matt Noble, Rick Haas, Adam Kohtz



CATERPILLAR®

Fun Facts



All sculptures took between 40 and 80 man hours to create.



The Case to Frame sculpture received the most votes and was named People's Choice.



All sculptures were fabricated using scrap materials.

While you visit, talk to your students about welding, safety & sustainability.

Safety First!

Whether our employees are building world-class machines or designing works of art, safety is always our top priority. All four fabrication teams were challenged to create a sculpture meeting Caterpillar quality criteria and safety requirements.

Please keep safety in mind and do not touch or climb on any of the sculptures.



Investing in the next generation of welders

As a part of Caterpillar's ongoing focus on the skilled trades, a group of employees from East Peoria, Illinois, partnered with Manual Academy, in Peoria, to help expand the school's manufacturing technology programs with the Manual Weld Training Program.

In 2010, the program was kicked off with Caterpillar donating \$10,000 worth of new welding helmets with breathing apparatus. Since then, a curriculum was developed, and other tools and supplies were donated. In the program's first year, 45 students attended. The program now attracts more than 100 students annually.



How many of the items listed below can you find on the sculptures?

- | | |
|---|--|
| <input type="checkbox"/> A bridge | <input type="checkbox"/> 100 stars made of bolts |
| <input type="checkbox"/> A hand | <input type="checkbox"/> An eagle |
| <input type="checkbox"/> The number "100" | <input type="checkbox"/> Antennas |
| <input type="checkbox"/> A classic Caterpillar Logo | <input type="checkbox"/> A weathervane |
| <input type="checkbox"/> A Heritage Tractor | <input type="checkbox"/> A track-type tractor |
| <input type="checkbox"/> A weld helmet | <input type="checkbox"/> An American flag |
| <input type="checkbox"/> A globe | <input type="checkbox"/> The Peoria skyline |

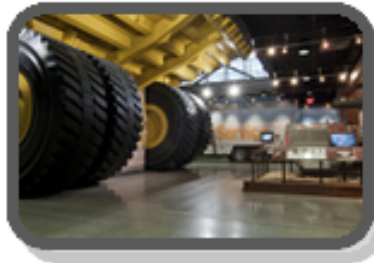
These sculptures are on display now through February—book a visit today!

Scavenger Hunt Sneak Peek

LEARNING OBJECTIVES



LEARNING STANDARDS



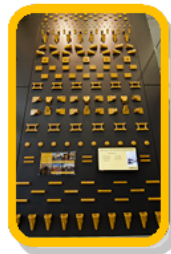
VOCABULARY ACTIVITY



LEARNING OBJECTIVES

- Identify simple machines in a variety of settings
- Define a simple design problem and how it was or could be solved
- Understand how simple machines and science affect our day to day lives
- Discuss and understand how engineers improve existing technologies or develop new ones
- Read with accuracy and understanding at grade level

BEGIN IN THE LOBBY



Look for the Ground Engaging Tool (GET) Wall. Discuss how and why these tools are used. Do they solve a problem? If so, what problem?

Can you find two simple machines in the lobby?
How about on one of the walls? Name them.



Save the Date

Educator Open House

at Riverfront Museum

TUES, FEB 23 | 6-8:30 PM

Must present school ID or affiliation.

Questions contact Heather Placko at
hplacko@peoriariverfrontmuseum.org or 309.863.3013



PEORIA
RIVERFRONT MUSEUM

Attend the Peoria Riverfront Museum's Educator Open House on February 23 from 6:00—8:30 PM.

The Caterpillar Visitors Center will be on-site with information on Field Trips and Educator Resources available at the Caterpillar Visitors Center.

Visit our table and enjoy a chance to win great prizes; including... a FREE Field Trip for grades 8-12 and a goodie bag for grades K-7.

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