

Carnegie Science Center Exhibits Visit KDS

The Carnegie Science Center of Pittsburgh, Pennsylvania, brought interactive exhibits to the KDS Middle School Campus on September 22, 2017. Thanks to a generous grant through the Pittsburgh Paint and Glass Corporation and the help of Adrian Black, who is a parent of two KDS students, KDS Middle School was able to have this traveling science show on campus free-of-charge to all 5th through 8th grade students.

The presenters provided a school-wide assembly and 45-minute slots for 75 students to participate in these hands-on exhibits. The program spent the entire day at KDS until all students had an opportunity to see all of the exhibits.



'Wild By Design' Adventure Stations

- Artificial hearts inspired by giraffes
- More efficient LED lights inspired by fireflies
- Velcro fasteners inspired by Burdock Seed Pods
- How buoyancy works for aquatic animals and vessels
- Insulation research inspired by whales and seals
- Hydrophobic properties inspired by the lotus leaf
- Nanoscale adhesives inspired by the gecko and the octopus
- Science, architecture, and mathematics have an amazing connection to Fibonacci's Sequence
- Robotic hands inspired by cockroaches
- TAKE HOME: Biomimetic Activities to try at home.

