



STEM Survey Results

We polled higher education institutions across the country – asking what they value in planning and utilizing their STEM spaces.

The results indicated the following as the highest priorities in STEM education:

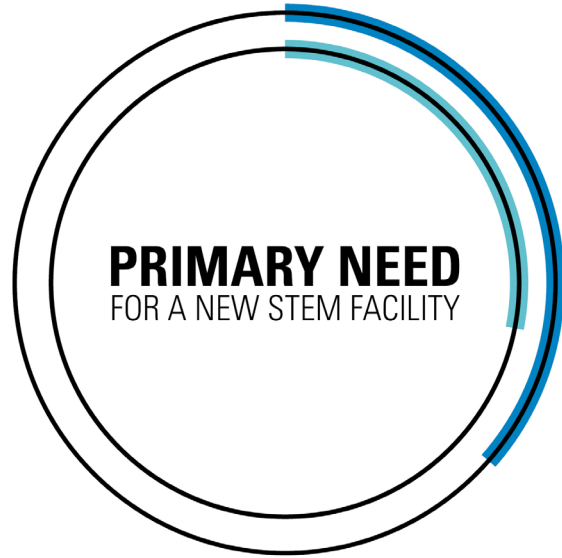
- Student & instructor interaction and activity
- Integrating research and advanced technology
- Attracting and retaining students
- Leveraging open and flexible labs

CONSIDERATIONS

The desire for spaces that will attract and retain students through meaningful instructor interaction was far greater than attracting lead researchers or industry partners, creating state-of-the-art research results, or defining new centers of activity on campus.

With priorities focused tightly on student success and instructor interaction, flexible, modularized spaces and furnishings that can adapt for virtual, small, and large group instruction remain at the top of the wish list for those defining and building new STEM facilities. As new virtual tools become available, the desire for spaces that incorporate and fully leverage these new technologies was also at the top of survey responders' minds.

STEM facilities should be designed to promote a sense of belonging in the science community that amplifies learning, empowers faculty and inspires discovery to shape the next generation of elite scientists, engineers and educators. We achieve these goals for our clients by implementing planning and design strategies that are proven to create an attractive hub for science on campus - a diverse facility that supports the convergence of research and teaching with student needs at the forefront..



36%
said **technology improvements** to replace outdated facilities & address deferred maintenance

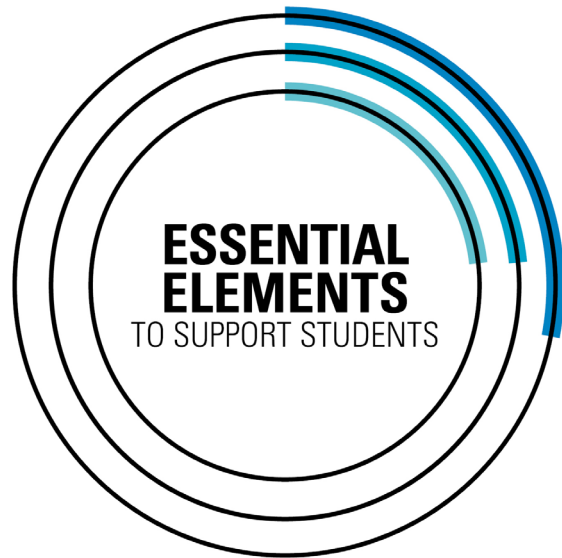
28%
said **to integrate research** into the curriculum



40%
said promoting **student & instructor interaction**



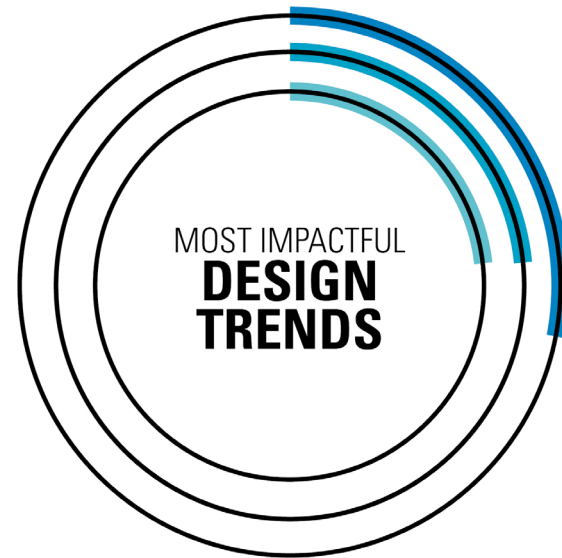
32%
said **modular, flexible design & furnishings**, with plenty of writing surfaces



28%
said access to **forward-thinking technology**

24%
said creating **engagement with faculty & researchers** within the facility

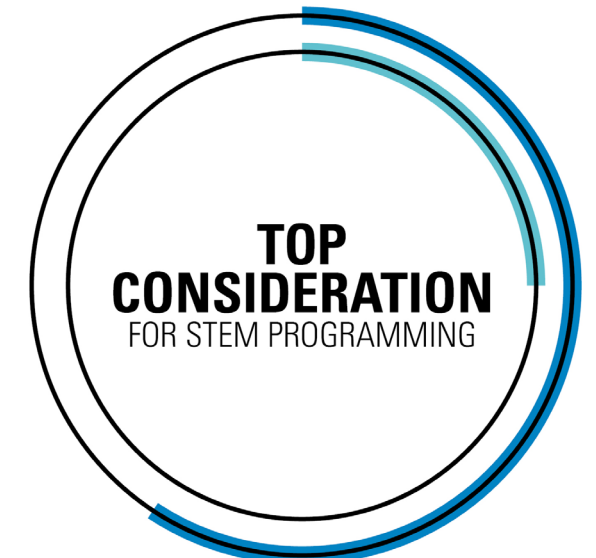
24%
said providing **research opportunities for students** of any level



28%
said **open & flexible lab benching** versus specialized labs

24%
said **integration with virtual tools** for remote learning

24%
said **virtual/distanced learning** or simulated lab space



60%
said **student attraction & retention** to STEM degree programs

12%
said **attracting lead researchers/instructors & industry partners**