



The Dimensions of Success (DoS) is a framework that defines key aspects of a quality STEM learning experience. DoS forms the backbone of a suite of tools and guides designed to help out-of-school-time (OST) programs (e.g., afterschool programs, summer camps, etc.) improve the quality of their STEM offerings. It was developed and studied with funding from the National Science Foundation (NSF) by PEAR, along with partners Educational Testing Services (ETS) and Project Liftoff. The DoS suite of tools include an observation tool, a program planning tool, and a feedback & coaching guide. These tools allow researchers, practitioners, funders, and other stakeholders to track the quality of STEM learning opportunities and continuously improve their programs.

Organization

Materials

Space

Utilization

How can I use DoS?

- Become a certified DoS observer (2-day virtual training and certification process)
- Share DoS observation ratings and evidence internally with staff to discuss teaching approaches and refine activities
- Aggregate data across programs, regions, or state to inform system-level decisions
- Use data to design appropriate professional development and coaching experiences for staff
- Receive training to use the DoS Program Planning Tool (*3-hour live webinar*)

12 Dimensions of Success

Features of the Learning Environment Activity

Participation

Purposeful Activities

Engagement with STEM

STEM Knowledge & Practices

STEM Content Learning

Inquiry

Reflection

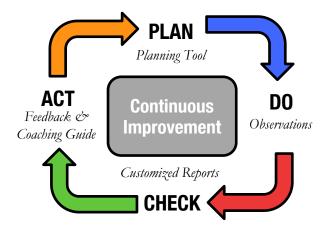
Youth
Development
in STEM

Relationships

Relevance

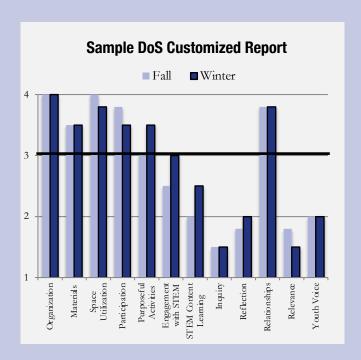
Youth Voice

How can DoS support continuous improvement?



To get started with DoS, please contact Hannah Meisels at hmeisels@pearinc.org

Or visit our website: www.pearinc.org/dimensions-of-success



Strength of Evidence: 1=Absent; 2=Inconsistent; 3=Reasonable; 4=Compelling