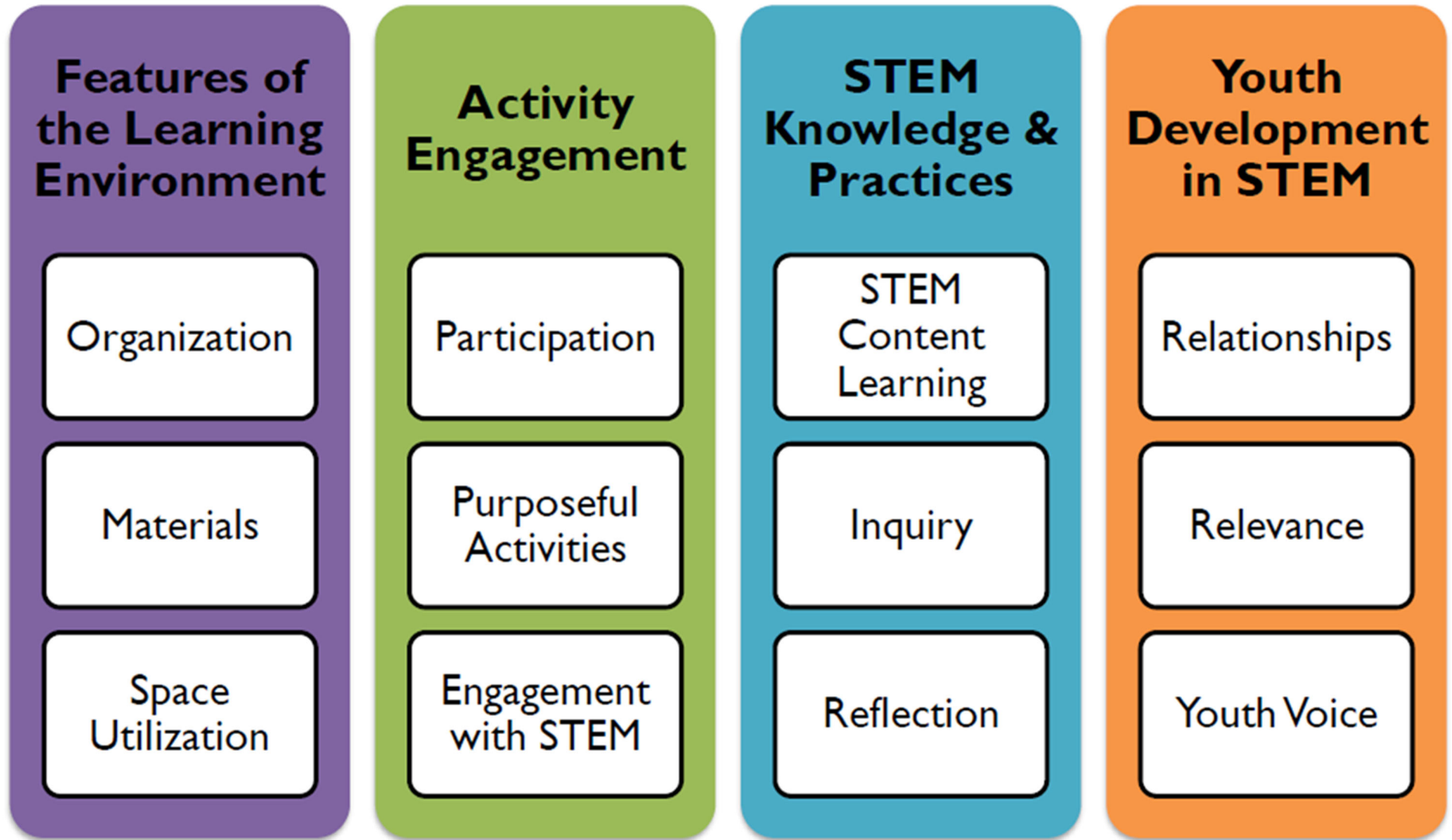


Dimensions of Success



Overview of DoS Dimensions

FEATURES OF THE LEARNING ENVIRONMENT		
Organization <ul style="list-style-type: none"> •Are the activities delivered in an organized matter? •Are materials available and do transitions flow? 	Materials <ul style="list-style-type: none"> •Are the materials appropriate for the students, aligned with the STEM learning goals, and appealing to the students? 	Space Utilization <ul style="list-style-type: none"> •Is the space utilized in a way that is conducive to OST learning? •Are there any distractions that impact the learning experience?
ACTIVITY ENGAGEMENT		
Participation <ul style="list-style-type: none"> •Are student participating in all aspects of activities equally? •Are boys participating more than girls? Are some students dominating group work? 	Purposeful Activities <ul style="list-style-type: none"> •Are the activities related to the STEM learning goals? 	Engagement with STEM <ul style="list-style-type: none"> •Are students doing the cognitive work while engaging in hands-on activities that help them explore STEM content?
STEM KNOWLEDGE AND PRACTICES		
STEM Content Learning <ul style="list-style-type: none"> •Is STEM content presented accurately during activities? •Do the students' comments, questions, and performance during activities reflect accurate uptake of STEM content 	Inquiry <ul style="list-style-type: none"> •Are students participating in the practices of scientists, mathematicians, engineers, etc.? •Are students observing, collecting data, building explanations, etc.? 	Reflection <ul style="list-style-type: none"> •Do students have opportunities to reflect and engage in meaning-making about the activities and related content?
YOUTH DEVELOPMENT IN STEM		
Relationships <ul style="list-style-type: none"> •Are there positive student-facilitator and student-student interactions? 	Relevance <ul style="list-style-type: none"> •Is there evidence that the facilitator and students are making connections between the STEM content and activities and students' everyday lives and experiences. 	Youth Voice <ul style="list-style-type: none"> •Are students encouraged to voice their ideas/opinions? •Do students make important and meaningful choices that shape their learning experience?

