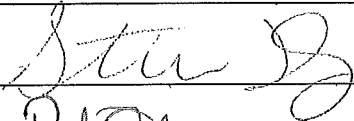



NDSU Technology Action Plan


Request for Scope Change

TITLE OF PROJECT Augmented Reality Sandtable		
Project TFAC Number: #1612		
Project Fund Number:		
Total Technology Fee Award: \$13,625		
Remaining Balance in Award Fund: \$0		
Project Director Stephanie S. Day	Campus Address: 1340 Bolley Drive Phone: 701-231-8837 E-mail: Stephanie.day@ndsu.edu	
Name (Type or Print)	Signature	Date
Project Director Stephanie Day		11/8/16
Unit Head Peter Osval		11/8/16

Description of Requested Scope Change:

While the original scope of the project came in under budget a few additional supplies are needed to utilize the augmented reality sandtables for both outreach and in the classrooms. These supplies including steps, scoops, trowels, foam boards, and a tent are used for various purposes which were not specifically highlighted in the original budget. The steps allow shorter students or outreach participants to reach the boxes so they will be able to see and experience the technology. Without these we are limiting the accessibility of the sandtables. Scoops and trowels enable students to smooth and move sand, and help allow people who do not like the sensory experience of sand on their hands to still be able to experience the sandtable. Foam boards help enhance the learning but providing a way to show the created topography on a flat surface after pausing the projected imagery. This technique allows us to provide an additional interaction where students draw their own topographic map. Finally a tent was deemed necessary because it will help block out additional light improving the color visibility of the sandbox. This is particularly important for outreach. These supplies come from budget savings we had by modifying and improving the design of the original sandtable.

Approved Denied Date 11/8/2016

By  VPIT _____
Name & title Signature

Marc Wallman