

Executive Summary

Prepared for Board of Trustees Meeting

February 9, 2016

Innovation Zone

Board Goal:

- Stay abreast of and incorporate best practices into teaching, learning, technology and leadership
- Actively pursue, foster and support an advanced learning environment
- Foster a positive and welcoming environment that encourages parent and community partnerships to achieve success for all our students.
- Effectively communicate achievements and recognitions to the Denton ISD community.

Purpose of Report

- The purpose of this workshop is to showcase a sample of student learning through the innovative movement of Makerspaces.

Objectives

- Provide students with space and time to pursue their unique passions.
- Enhance student problem solving skills through open-ended play and creation.
- Create a culture of success through failure, rather than one of success instead of failure.
- Encourage student creativity by providing varied materials with which to build, tinker and make.

Operational Impact

- Makerspaces have been created through joint funding between the Library department and individual school budgets.

Results

As a result of the addition of Makerspaces in select libraries in Denton ISD:

- Students are provided with an environment in which they are provided the opportunity to learn through play and experimentation.
- Students are honing their problem solving skills through various activities; many of which are different than traditional problem solving assessments given in classes.
- Students are encouraged to create products to demonstrate learning about various topics.
- Students are provided with a place to pursue their passions in an open-ended manner that encourages growth through failure.