

## **RESOLUTION**

### **Sterling Heights City Council**

**A resolution of the Sterling Heights City Council in support of a Science, Technology, Engineering and Mathematics (STEM) educational partnership with Utica Community Schools.**

**WHEREAS**, the demonstrated benefits of a Science, Technology, Engineering & Mathematics (STEM) education include:

- A significant and long-term positive impact on the nation's economy. Over the past 50 years, monies expended on STEM education have produced a greater return on investment than any other public expenditure. Approximately one-half of the nation's economic growth is generated by scientific research and development, a by-product of STEM education; and
- A prosperous and competitive Michigan workforce. In the new global economy, workforce talent is essential to competitiveness. By increasing the number of college graduates in Michigan by a mere 1%, approximately \$1.8 billion would be generated annually in additional personal income. This stimulus to the Michigan economy benefits all businesses. In particular, college graduates are projected to make 75% more than the average high school graduate; and,
- Opportunity for employment. The demand for college graduates in STEM fields is expected to increase at four times the rate for all other occupations. In Michigan, it is estimated that 62% of all jobs will require post-secondary credentials by 2018.

**WHEREAS**, in order to realize these benefits and exploit these future opportunities, there must be a concerted effort to establish and invest in programs that create an environment conducive to developing STEM talent; and

**WHEREAS**, the need to promote STEM education is acute in the state of Michigan, which ranks 36th among the states in the percentage of its population having attained a college degree. Of the 15 states that have the highest per capita income, 13 also have the highest proportion of adults with a four-year or advanced degrees. Failure to improve this standing will directly impact the future prosperity of this state and its residents; and

**WHEREAS**, the City of Sterling Heights and Utica Community Schools recognize that a prosperous, globally competitive and innovative Michigan requires a workforce highly-skilled in STEM; and

**WHEREAS**, the City of Sterling Heights and Utica Community Schools are committed to creating a STEM partnership that will set the standard for achievement and innovation by developing and sustaining a STEM workforce that grows the Michigan economy and supports new and existing jobs in Michigan communities; and

**WHEREAS**, this City of Sterling Heights and Utica Community Schools STEM partnership will bring government, economic development, non-profits, industry, and education together to:

- Integrate PK-12 professional development with industry needs;
- Engage industry in the development of meaningful student internships and mentorship programs;
- Promote productive, skilled-based training needed in high-tech manufacturing;
- Encourage economic development & business to communicate to parents and students how the elevation of STEM competency will provide the jobs of the future and increase Michigan's economic strength;
- Establish industry relationships that encourage development of STEM educational programs;
- Establish Michigan's first dedicated STEM Center that will provide year-round STEM focused opportunities for PK-12 students; and
- Develop relationship with professional organizations that will help fund STEM initiatives.

**NOW, THEREFORE,**

The City Council of the City of Sterling Heights, Macomb County, Michigan, does hereby endorse and support the Science, Technology, Engineering and Mathematics (STEM) educational partnership with Utica Community Schools.

Dated this 20<sup>th</sup> day of March, 2012.

MOVED BY: \_\_\_\_\_

SECONDED BY: \_\_\_\_\_

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**IN WITNESS WHEREOF**, I have set my official signature this 20<sup>th</sup> day of March, 2012.

\_\_\_\_\_  
Walter C. Blessed  
City Clerk