

**PELHAM PUBLIC SCHOOL  
BOARD OF EDUCATION STUDY SESSION  
October 13, 2015**

*In what ways do we prepare our students for a world that is in constant motion?  
21<sup>st</sup> Century Learning, STEAM, MakerSpaces*

- I. Welcome & Update from 2014-15 – Dr. Garcia**
- A. Performance Assessment Design Initiative (PADI) – Update on 5<sup>th</sup> and 11<sup>th</sup> grade capstones, Annual Meeting, internal “Assessment Committee” at secondary level)
  - B. Asian World Language – Update on Mandarin, K-5 WL Task Force
- II. 21<sup>st</sup> Century Learning & STEAM – What does it look like across the K-12 system?**
- A. 21<sup>st</sup> Century Learning *defined*, Action Steps & ISTE
  - B. Define *STEAM* (Science, Technology, Engineering, Arts, Mathematics) and define *Coding* as a the new language– Dr. Callahan
    - a. Commencement Level discussion about new electives: Robotics and Computer Science with Dr. Callahan, Mr. DiBello, Mr. Lindley
    - b. Middle Years: changes Ed Tech program and impact of IB with Mr. Tromblee, Ms. Satalich & Ms. Levi
    - c. Elementary experience regarding STEM days and Dot & Dash Coding with Ms. Tarazi, Ms. Wilson Tonya, and Mr. Tromblee
  - C. Moving Forward
    - a. What is a Maker Faire? with Mr. Beltecas, Ms. LaRose, and Ms. Tarazi
    - b. What is a MakerSpace? with Mr. Tromblee
    - c. How will we get there? with Dr. Garcia & Mr. Tromblee
      - i. MakerSpace Exploratory Team plans anticipate this year
      - ii. *STEAM* Coaches, regional Coding Conference
- III. What can we learn from our students?**
- a. Their story – How did they get here?
  - b. Recommendations to our school – What do they think we need?