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## 10/4/17 ECS Newsletter

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Draft

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# ECS Newsletter

## 10/4/2017

**ECS Mission: To Collaborate with PSB educators to create rigorous, relevant, engaging learning for all students**

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### Goals of the Public Schools of Brookline

Goal 1: Every Student Achieving

Goal 2: Every Student Invested in Learning

Goal 3: Every Student Prepared for Change and Challenge

Goal 4: Every Educator Growing Professionally

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@ECSbrookline

@tanyagregoire

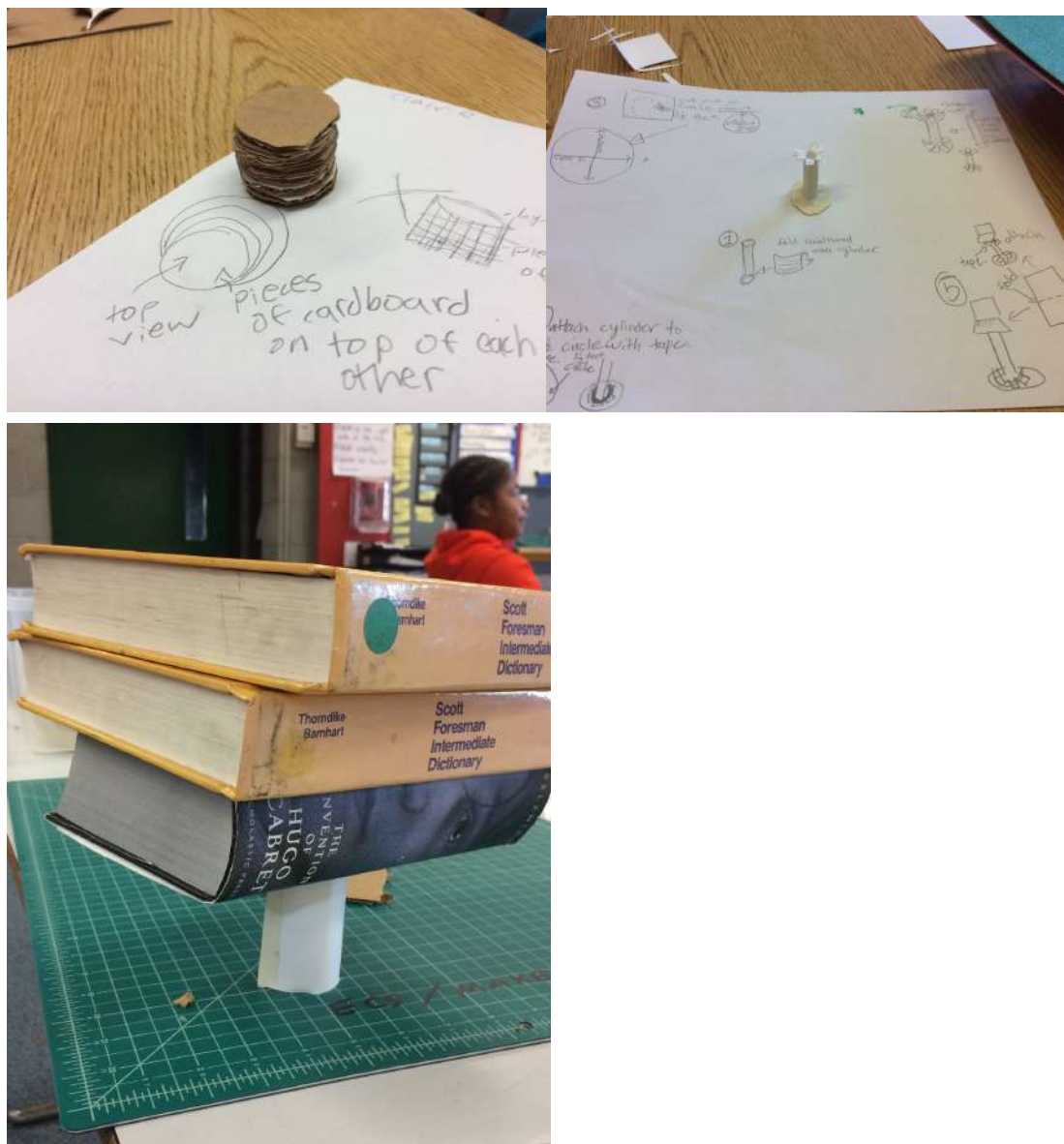
[WWW.ECSbrookline.weebly.com](http://WWW.ECSbrookline.weebly.com)

Psbma

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## Project Highlight

Mr. Vitale-Wolf (Gr5 Pierce) has a large desk that he uses to meet with students. His problem was that there were only two chairs for the desk, and he would like to work with many students at the same time at the desk. Who might solve this problem? His students! They are using design thinking to develop “sitting devices” (stools and chairs) that will actually solve this real world problem. Below are some of their design sketches and prototypes.



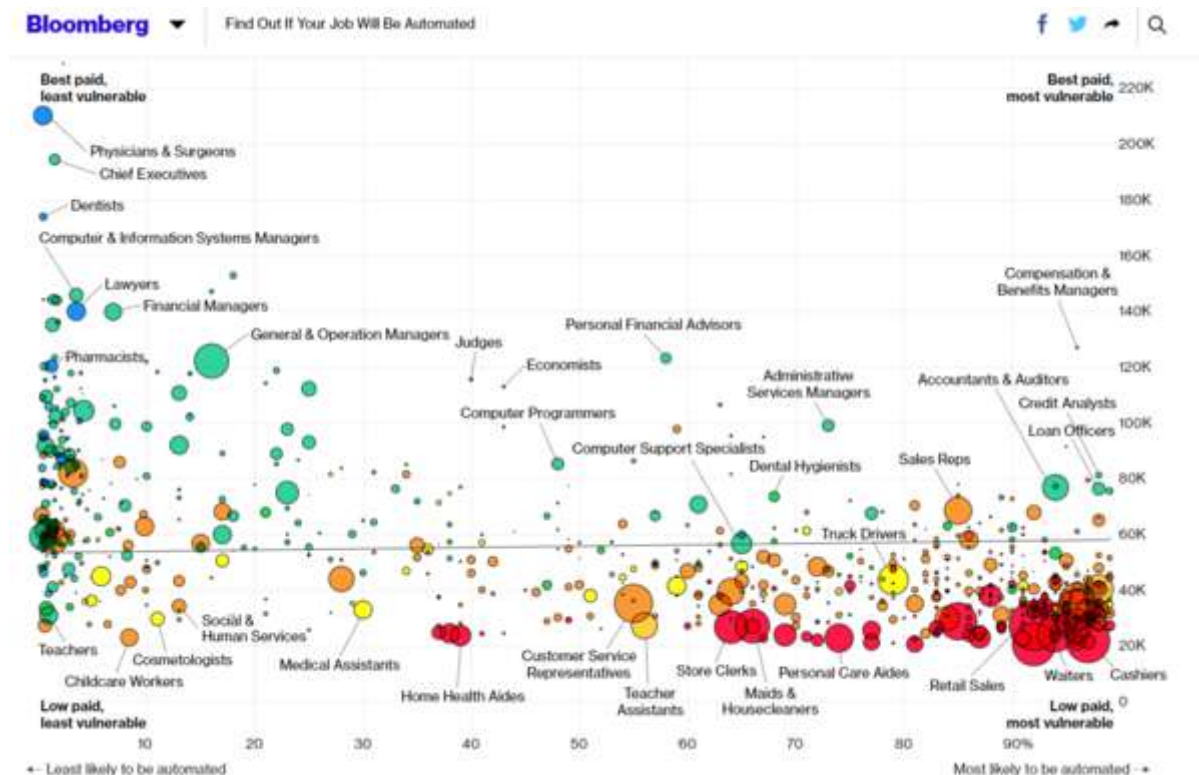
## **Maker Thinking/Critical and Creative Thinking**

### **Compliance Isn't Mastery of Learning**

I'm really interested in how and why students are engaged in their learning. This article talks about how students can look like they are engaged and learning when they are compliant - but they really aren't. The short video is very interesting too. What does engagement look like in your classroom?

### **Are You Helping Prepare Students for Jobs That Will be Lost to Automation?**

The title says it all!



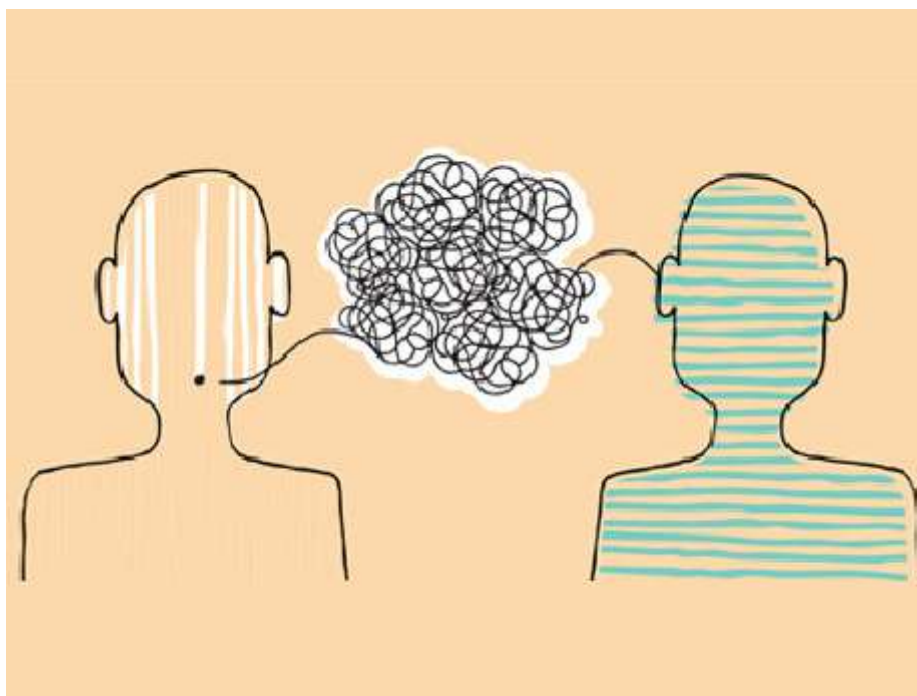
## Don't Leave Learning up to Chance: Framing and Reflecting

Framing and reflecting on work is an important part of learning. How can we be more deliberate about this? In a makerspace? In the classroom?



## Teaching Your Students to Have a Conversation

**From the article:** Maybe you have also observed how common it is nowadays for students to not know how to have a conversation.... While it is impossible to know all of the reasons, there is no doubt that learning to listen and talk is an extremely important way to broaden knowledge, enhance understanding and build community.



## **5 Reasons Your School Needs a Makerspace**

**From the article:** Making is fundamental to who we are as human beings. You don't need to have special training or skills; every single one of us is a maker by nature. Creating a makerspace in your school opens up the possibility of creating for all students.

## **How to Prepare Preschoolers for an Automated Economy**

This article describes the essential skills and dispositions preschoolers need to learn to be ready for the future. Hint: it's not coding!

## **Educators Should Steal Google's Secret About Creativity**

This article reiterates a lot of our ideas and values around Genius Hour / 20% Time.

# **Equity**

## **3 Beliefs That Damage Teacher Relationships with Black Male Students (And How to Connect Instead)**

**From the article:** There's a tremendous amount of research showing that many black males in the United States are underserved. They're four times more likely to be expelled than white boys, and the graduation gap is widening, with only around 59% of black males graduating from high



school, compared to 65% of Latino males and 80% of white males. So we do a disservice to our students if we pretend that the outcomes that our students experience from our school system are all the same regardless of race. Our black male students can do better and we can do better by them.

## Tinkertime

### How to Make a Straw Flute

Learn about the physics of sound and make some music!

