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ECS Newsletter 12/18/17

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12/18/17

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

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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@tanyagregoire

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Psbma

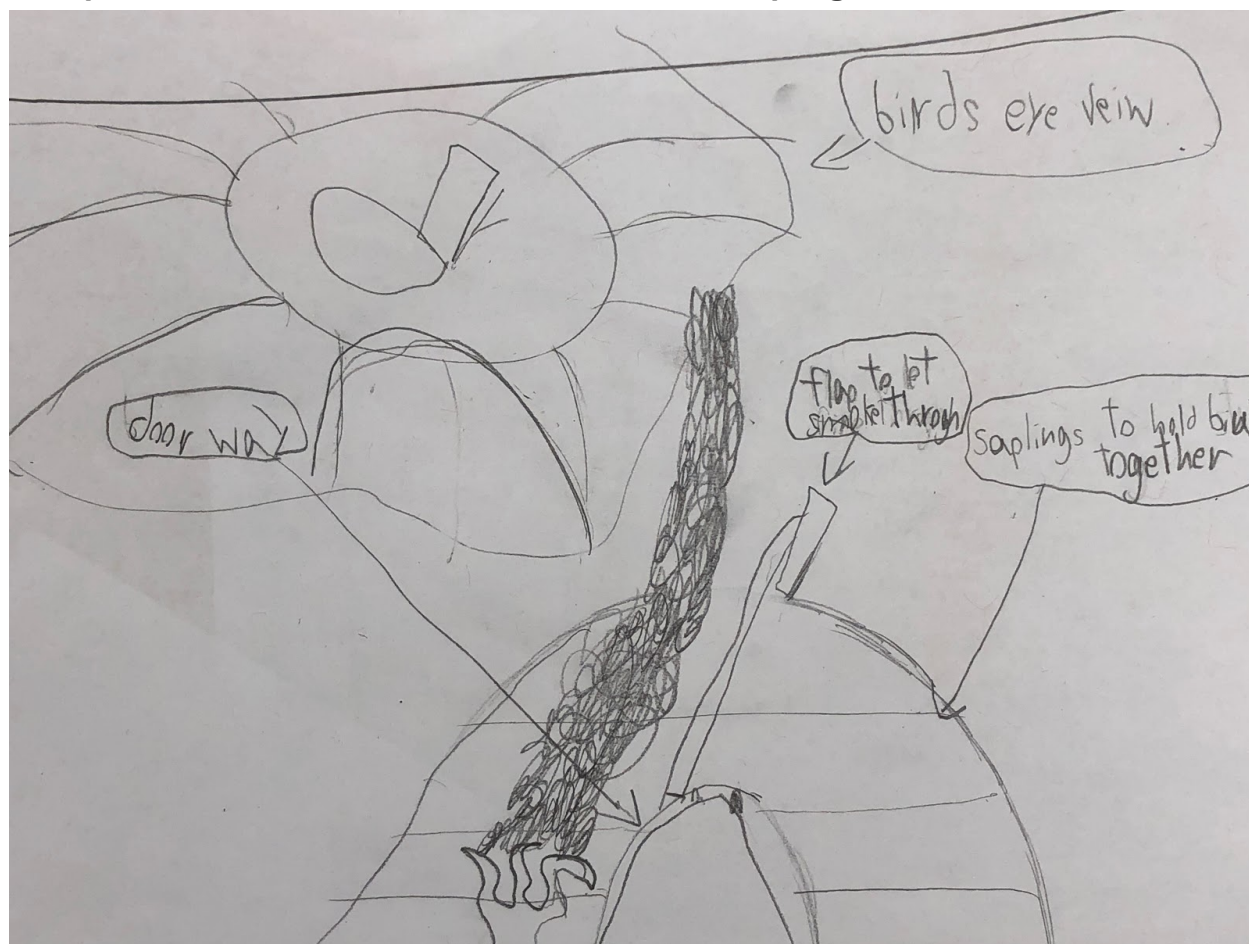
Quote of the Week:

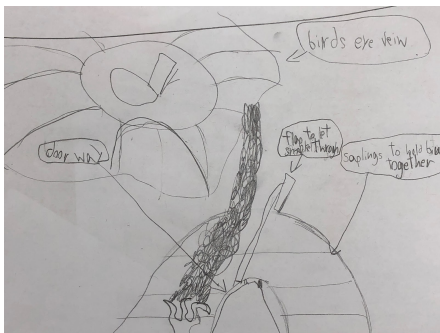
You can be creative in
anything - in math, science,
engineering, philosophy - as
much as you can in music or
in painting or in dance.

Ken Robinson

Current Goings On

Grade 3 students at both Heath and Pierce are building wetus (the traditional summer home for Wampanoag people). They started with research, then sketches and prototypes. The final product will be a life-like wetu made from "saplings"!





Articles and Resources

Will Robots Take Our Children's Jobs?

This is what Matt Rosenthal says about this:

If you read only 1 thing this week, make it be this one! This is a great article with important implications for educators.

Do you want to be a...radiologist? - robot can do a blood flow MRI in 15 seconds

surgeon? - robot outperformed human in an intestine repair
 lawyer? - robots review documents faster and more accurately
 journalist? airline pilot? Wall Street financier? nope to all, robots now can do the work more efficiently

"Professions that rely on creative thinking enjoy some protection. So do jobs emphasizing empathy and interpersonal communication."

...and this is why we do what we do.



Students Must Be Prepared to Reinvent Themselves

From the article: A 2012 report by the National Research Council posits that a combination of cognitive, intrapersonal, and interpersonal skills—flexibility, creativity, initiative, innovation, intellectual openness, collaboration, leadership, and conflict resolution—are essential for keeping up in the 21st century. I would argue that instead of preparing students for careers, we should focus on inculcating skills that are transferable across many roles.

The Case For School Makerspaces, According to Those Who Use Them

From the article: Employers who need workers with critical thinking skills have begged educators to promote them in schools. These critical thinking skills are the basis for success in makerspaces. When working on a project, students establish a goal, create a plan for how to get there, and problem solve using trial and error in real-world scenarios.



Equity/Every Student Achieving

Road Tested/ Unlearning Hate in Your Classroom

Trace it, Face it, Replace it!

Tinkertime

Making a Light Saber with Paper Circuits

