

**Enrichment and Challenge
Support (ECS)
Parent Coffee @ Lower Devotion**

November 21, 2016

Who's Who at Lower Devotion

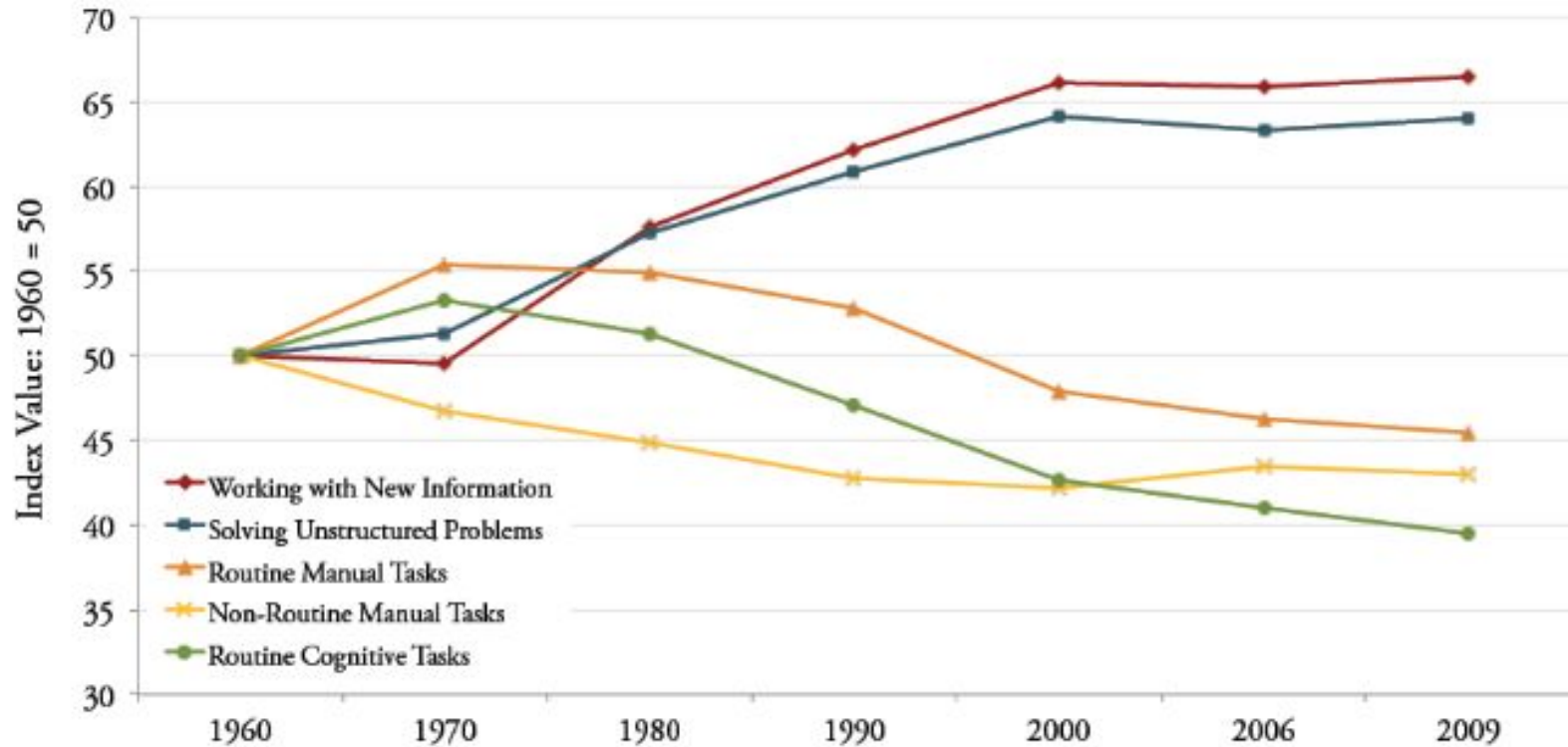
- Kyle Tompkins, ECS Specialist (Tuesday, Thursday, Friday)
- Deborah Fung, ECS Parent Advisory Committee Representative
- Tania Schlatter, ECS Parent Advisory Committee Representative
- Jen Buller, Principal
- Dave O'Hara, Principal
- Matt Rosenthal, ECS Coordinator K-8
- Gretchen Albertini, Grade 3

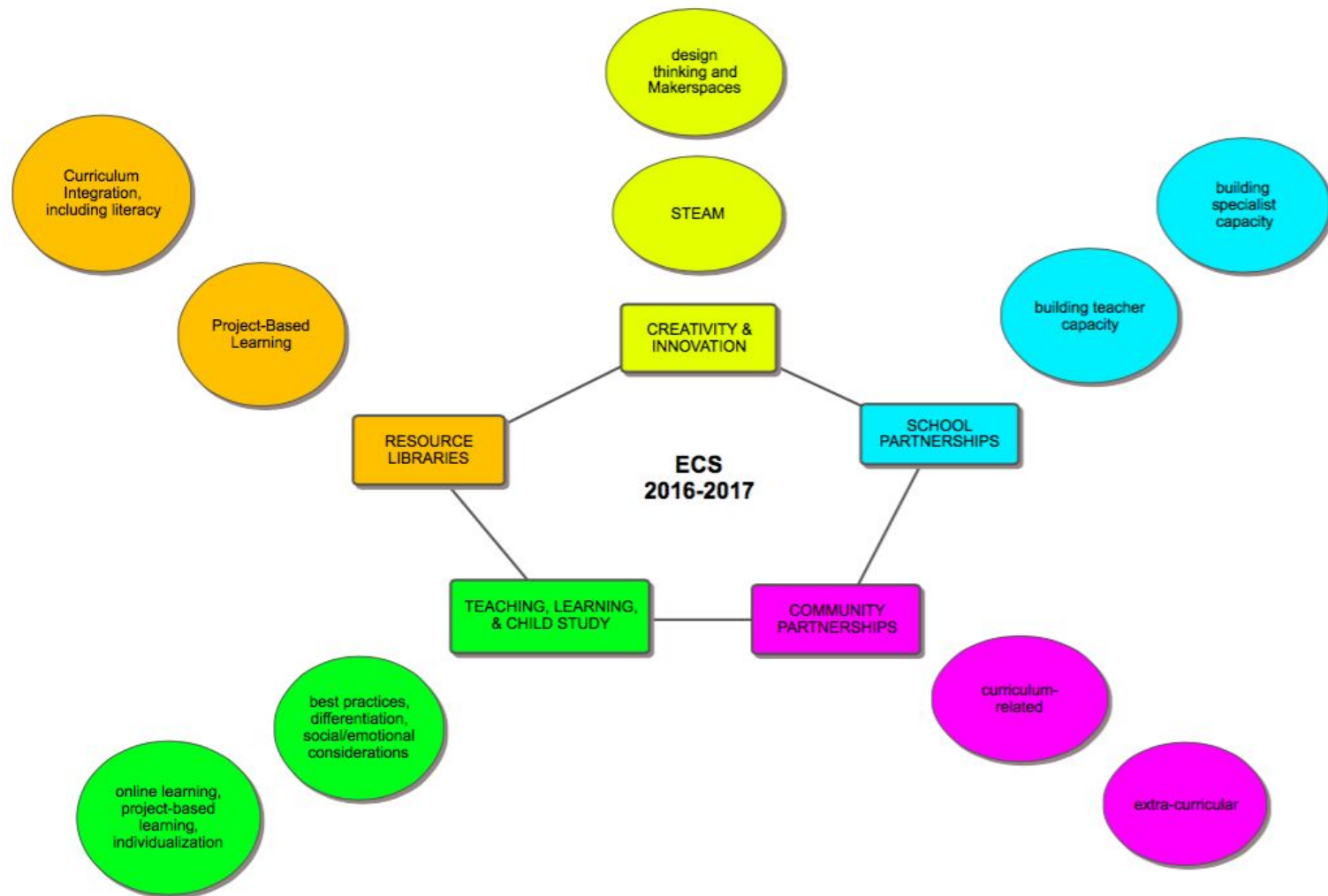
ECS Mission

To collaborate with PSB educators to create rigorous, relevant, engaging learning for all students

Prompt: SEE - THINK - WONDER

Figure 3: Index of Changing Work Tasks in the U.S. Economy 1960-2009²¹





CREATIVITY AND INNOVATION



BEF Grant

- design thinking and makerspaces workshop
- Lego robotics course
- visits to local makerspaces
- monthly meetings and shared experiences

BRIDGE BUILDERS UNITE

GOAL: DESIGN + CONSTRUCT A STRONG, STABLE, +
SAFE BRIDGE BASED ON THE FOLLOWING
CONSTRAINTS + CRITERIA

CRITERIA: IN ORDER FOR YOUR BRIDGE TO PASS
INSPECTION, IT MUST...

- CROSS THE GAP (18 INCHES)
- BE HIGH ENOUGH FOR A BARGE (BLOCK) TO PASS UNDERNEATH
WITHOUT TOUCHING
- BE STABLE SO A TOY CAR CAN ROLL ACROSS 4 OUT OF 5 TIMES
- HOLD THE WEIGHT OF 5 WASHERS

CONSTRAINTS: YOUR LIMITATIONS INCLUDE...

- YOU MAY ONLY USE THE MATERIALS PROVIDED
- BLOCK/BOOKS ONLY USE → ABUTMENTS

USING THE ENGINEERING DESIGN PROCESS +
YOUR ACTIVE MINDS, LET'S CREATE !!

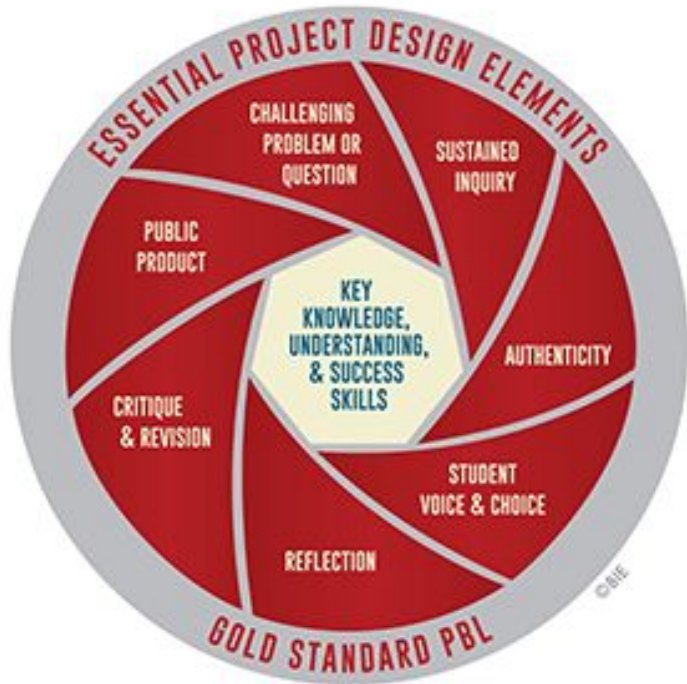








RESOURCE LIBRARIES

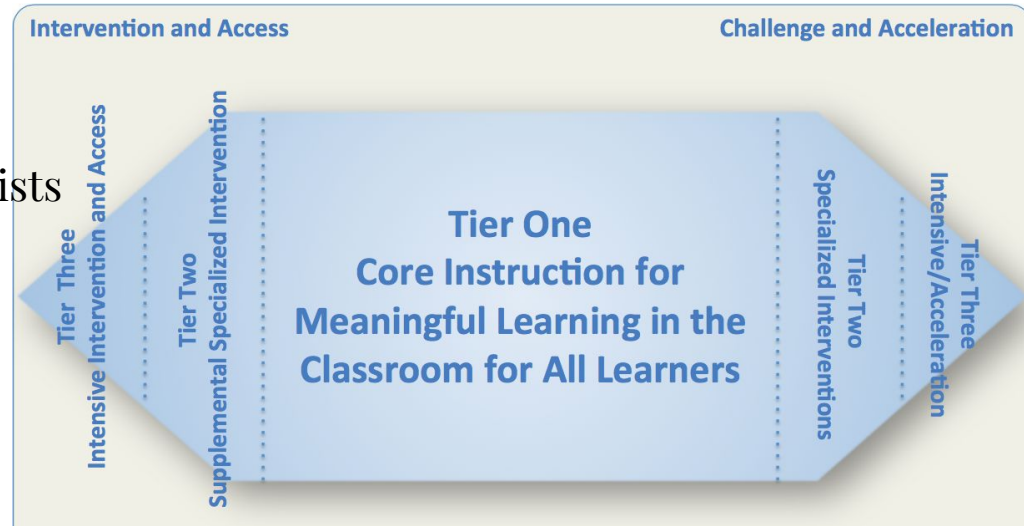


- collaboration with curriculum coordinators in math, literacy, science, social studies, world language, visual arts
- electronically shared resources

TEACHING, LEARNING, AND CHILD STUDY

“Child needs challenge...”

- collaboration between teacher and specialists
- communication between home and school
- designing differentiated learning
- reflection



SCHOOL PARTNERSHIPS

In the short-term 2016-2017

- getting to know the students, teachers, and culture of Devotion
- meeting with parents, ECS teachers, math/library/literacy specialists to discuss potential opportunities/challenges

In the long-term 2016-2017

- professional development in collaboration with math/library/literacy specialist, curriculum coordinators, and administration
- capacity building woven into department work and building support

COMMUNITY PARTNERSHIPS

- Makerspaces
- Local universities
- Parent Advisory Committee – database of experts and resources

ECS Website: <http://ecsbrookline.weebly.com/>

Twitter: **@ecsbrookline**

How You Can Help Support ECS

- Stay connected to your child's teacher
- Reach out to your PAC reps
- Follow ECS on Twitter @ecsbrookline
- Respond to recent PTO questionnaire
- Volunteer to help run an after-school group