

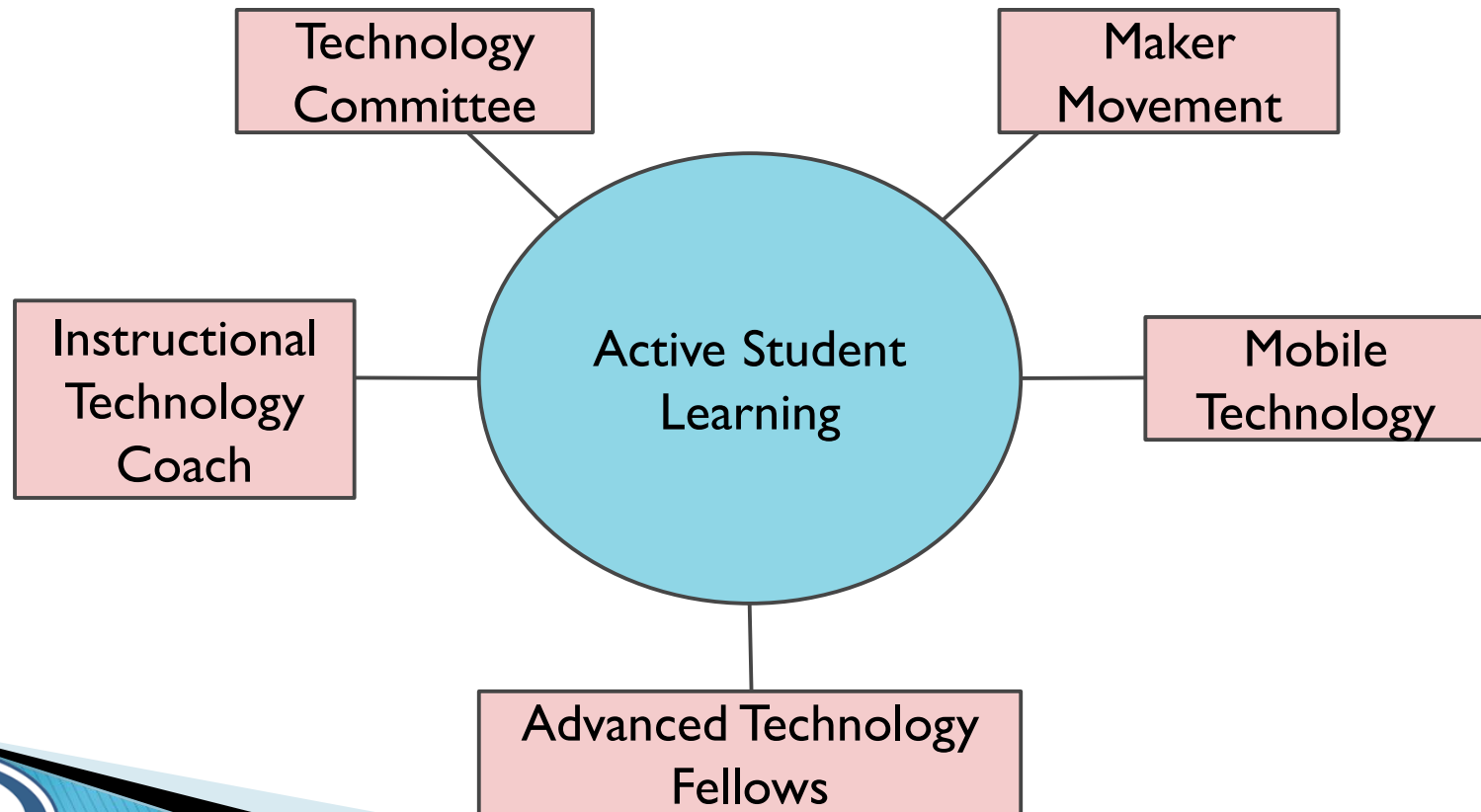
# **Active Student Learning through Innovation & Technology 2015 - 2016**



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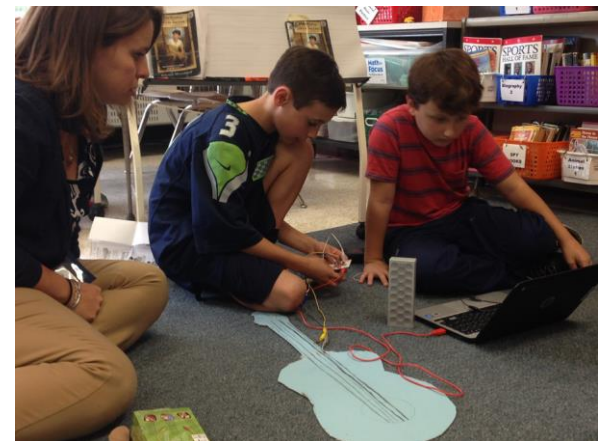
# Active Student Learning

- ▶ Technology Committee
- ▶ Mobile Technology
- ▶ Maker Movement
- ▶ Advanced Technology Fellows
- ▶ Instructional Technology Coach



# Maker Movement

- ▶ A makerspace is a creative work space where students collaborate, create and problem solve.
- ▶ Creation of makerspaces at all three elementary schools allows students to learn from their mistakes and to try again.
- ▶ Promotes independence
- ▶ Dot Day, Cardboard Challenge
- ▶ Video



# Maker Movement





# Technology Committees

Technology committees:

- ▶ Building-based (teachers, administrators and staff developers)
- ▶ Build leadership capacity and support sharing of ideas across faculty
- ▶ Support integration of technology in classrooms
- ▶ Support investigation of time, space and technology
- ▶ Lead implementation of maker spaces
- ▶ Add to CCSD's collective knowledge of the role of technology in supporting active learning environments

# Mobile Technology

## ▶ Chromebooks

- ❖ 4<sup>th</sup> grade students have been using Chromebooks and laptops as a tools for learning in all curriculum areas.

## ▶ Laptops

- ❖ These devices have touch screen technology which support all learners and make the experience more interactive.

## ▶ E-readers

- ❖ These are available to students for check out in each of our elementary libraries.

# Instructional Technology Coach



- ▶ In-class coaching
- ▶ Professional development
- ▶ Collaborative planning with grade level teams
- ▶ Coding (January – month of code)
- ▶ Developed maker space website - including resources for teachers and parents

# Advanced Technology Fellows

The Advanced Technology Fellows group consists of 18 teachers, including four elementary teachers who:

- ▶ engage in focused inquiry around the use of technology to create more active student learning environments and stronger collaboration
- ▶ use technology to connect with schools and classrooms within and outside of Chappaqua
- ▶ are developing innovative instructional practices in their classrooms such as
  - ❖ Genius hour
  - ❖ Flipped instruction
  - ❖ Virtual feedback