



MAKERSPACES

Professional Development

WHAT IS A MAKER-SPACE ?



Stakeholders will learn about the special aspects of a what makes a space a makers-space. What would a space at Korea Kent Foreign School look like ?

- Student interests & Goals in the space.
- Connections to Curriculum

WHY SHOULD WE HAVE MAKER-SPACES ?



Stakeholders will learn and build on theories that support Maker-spaces and their usage in our curriculum

- John Dewey's Progressive Education Theories
- Curricula Connections

HOW DO WE DEVELOP MAKER-SPACES ?



Stakeholders will learn where Maker-spaces have been implemented successfully. They will then be able to answer these questions:

- How do we design them ?
- What should they be outfitted with?
- What is needed to sustain them?

HOW TO DO WE TEACH IN THE MAKER-SPACES?



Stakeholders will learn how to assess students while in the maker-spaces.

- Scaffolding and Design phases & Collaborative strategies
- Reflective thinking through portfolios

SOURCES:

Oliver, K. M. (2016). Professional development considerations for makerspace leaders, part One: Addressing "What & Why?". TechTrends: Linking Research and Practice to Improve Learning, 60(3), 211-217. doi:<http://dx.doi.org.proxy1.cl.msu.edu/10.1007/s11528-016-0050-7>

Oliver, K. M. (2016). Professional development considerations for makerspace leaders, part Two: Addressing "how?". TechTrends: Linking Research and Practice to Improve Learning, 60(3), 211-217. doi:<http://dx.doi.org.proxy1.cl.msu.edu/10.1007/s11528-016-0050-7>