



THE PROFESSIONAL LEARNING ASSOCIATION

# DESIGN & TECHNOLOGY CURRICULUM: INTEGRATION, IMPLEMENTATION, & ASSESSMENT

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HOW WE LEARN LAB  
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Community | Vision | Distinction  
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a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA

# Myth #1: You need lots of money to create a makerspace



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# Myth #1: You need lots of money to create a makerspace

5 minutes to DEBUNK IT

- What are low-cost options?
- What are ways to raise funds?
  - Low cost options: Recyclables, reusables, toys from trash, etc.
  - Fundraisers, grants, etc.

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# Myth #2: You need a permanent lab in your school



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# Myth #2: You need a permanent lab in your school

5 minutes to DEBUNK IT

- Where are school makerspaces located?
  - pop-up makerspaces (temporary venues)
  - mobile makerspaces (e.g., converted truck, bus, bike trailer, maker cart, suitcase)
  - online makerspaces (e.g., makerspace.com, instructables.com, etsy.com)

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# Myth #3: There's no way to assess the learning



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# Myth #3: There's no way to assess the learning

5 minutes to DEBUNK IT

- How can you assess the process and not just the product?
- How can you assess the product?
- What if you don't know what they are making?
  - project/inquiry based assessments
  - collaborative assessment
  - don't recreate the wheel

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# Myth #4: Makerspaces are for the high-tech guys & hackers



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# Myth #4: Makerspaces are for the high-tech guys & hackers

5 minutes to DEBUNK IT

- Are you a maker?
- Why are makerspaces important for teachers?
- What characterizes a maker?
  - builder of things, ideas, dreams, worlds
  - creator not consumer
  - DIY, DIT or DIWO



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