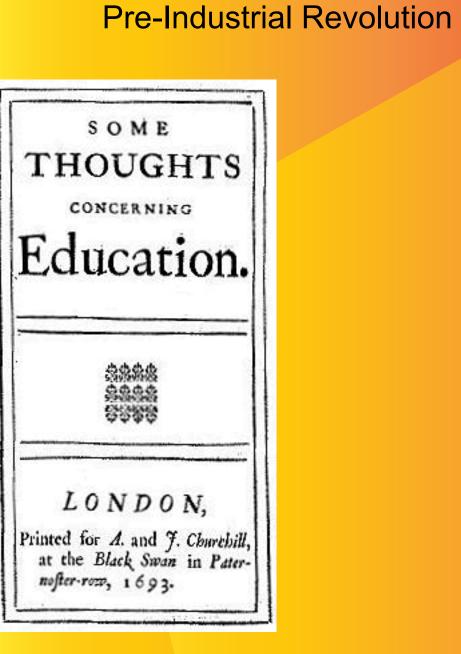


## Model to Create Economic Growth by Implementing High ROI STEM Formal Education and Informal Learning Activities



John Locke's "Some Thoughts Concerning Education"

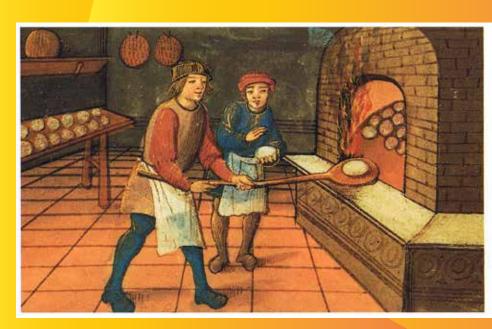
**PE Class is Formal Education** 

**Formal Education** something that we "do to students"

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**High School football is Informal Learning** 

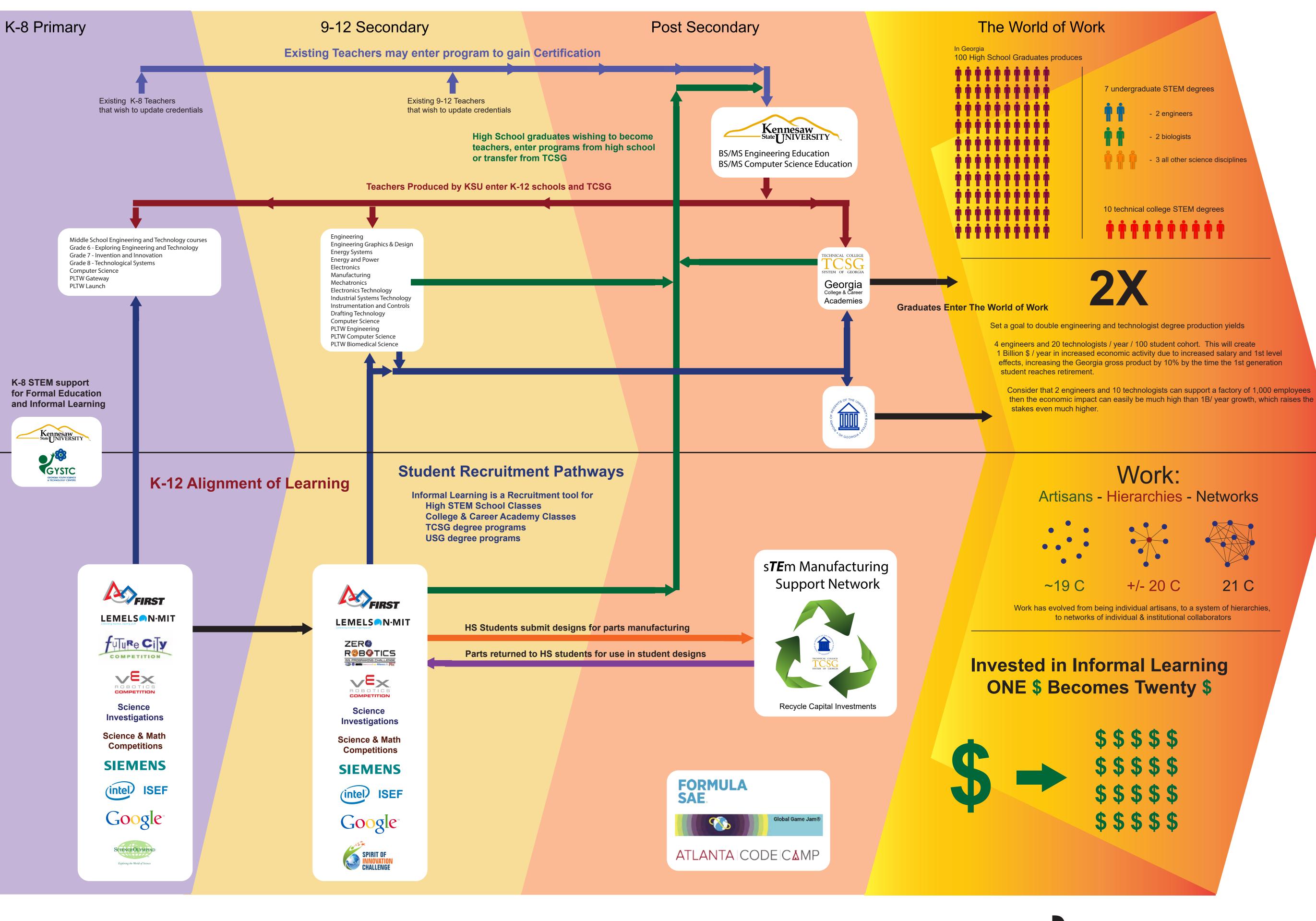


A medieval baker with his apprentice. The Bodleian Library, Oxford.

Key Objectives



1 - World Class Educator Preparation



2 - STEM Support Network for Manufacturing, Training, and Technical Support

3 - Committment to Hire Teachers to Teach Engineering & Technology, for Formal and Informal learning

- 4 STEM Competition Infrastructure
- 5 State & District support for Informal STEM Learning
- 6 Federal Support for Informal STEM Learning