

## Biz3D Instructional Materials and Lesson Overview

### **Eighteen (18), one hour lesson plans include:**

- Instructor Resources: Preparation Material, videos and articles
- Lesson Plan: Detailed instruction, definitions and PowerPoint supplements
- Activities: To reinforce concepts of lessons
- Rubrics: For presentation and CAD activities
- PowerPoint template for student business plan

### **Summary of Lessons:**

Lesson 1: An Introduction to 3D Printing

Lesson 2: The History of 3D Printing

Lesson 3: 3D Printing – The Process

Lesson 4: What is Entrepreneurship?

Lessons 5 & 6: Computer Aided Design (CAD)

Lesson 7: Teamwork

Lesson 8: Design Process

Lesson 9: Business Plan

Lesson 10: Problem Statement and Value Proposition

Lesson 11: Who is Buying?

Lesson 12: Competition and Pricing

Lesson 13 Sales and Marketing/Distribution Channel

Lesson 14: Logo Design and Branding

Lesson 15: Elevator Pitch and Mission Statement

Lessons 16 and 17: Optional Activities (field trips, speakers, etc)

Lesson 18: Business Plan and Product Presentations

### **Support**

INVENTORcloud Program is supporting implementation of Biz3D. Please contact Julie Michael Smith at 330-727-6292 or [biz3d@inventorcloud.net](mailto:biz3d@inventorcloud.net) for further details.



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