



MANUFACTURE 4.0

Creating Tomorrow's Industrial Revolution Today

Activity Guide: Manufacture Your Future (IN-PERSON)

Exploring Budgeting and Careers

Duration: Approximately 45-60 min.

Target Age Group: Grades 8-12

Learning Objectives

- (1) Students will explore areas of budgeting and money management based on manufacturing careers which will lead to discussions of post-secondary options in manufacturing.
- (2) Students will identify types of training needed for manufacturing careers and how their career choices can impact their future lifestyles.

Learning Activities	Timing	Resources	Notes
<u>Background and Review</u> <ul style="list-style-type: none">• What is manufacturing?• Skills for manufacturing careers• Types of manufacturing careers	5 min.	Presentation slides (Slides 1-4)	
<u>Manufacture Your Future (MYF)</u> <ul style="list-style-type: none">• Introduce activity based on in-person delivery.		Presentation slides (Slides 5-8)	
<u>Career and Housing Choices</u> <ul style="list-style-type: none">• With the help of staff, students will pick career and housing options.	5 min.	MYF Game Sheet (<i>1 copy per student</i>) MYF Occupations (<i>1 page per student</i>)	Each student should start the activity with a “ MYF Game Sheet ”. Each student should also get one page from the “ MYF Occupations ”. All the pages are different, but each student will have the option of picking between 2 different careers.



MANUFACTURE 4.0
 Creating Tomorrow's Industrial Revolution Today

Activity Guide: Manufacture Your Future (IN-PERSON)

Exploring Budgeting and Careers

Duration: Approximately 45-60 min.

Target Age Group: Grades 8-12

Manufacture Your Future Stations

You need to print the **MYF Station Cards** and place each page at the appropriate station. Students may move freely from station to station as they go around filling out their cards. There is no set order to the stations.

<u>Station A: Transportation and Insurance</u>	5 min.	Transportation Station Card Insurance Station Card	It may be helpful to have an instructor seated at each station to help guide the students in their choices.
<u>Station B: Groceries and Entertainment</u>	5 min.	Groceries/Food Station Card Entertainment Station Card	
<u>Station C: Utilities and Other Expenses</u>	5 min.	Utilities Station Card Other Expenses Station Card	
<u>Station D: Unexpected Event</u> Students will recap what they have so far and also factor in unexpected financial events.	5 min.	Other Expenses Station Card MYF Unexpected Events Slips <i>(1 slip per student)</i>	Instructor randomly distributes an unexpected event to each student.
<u>Reflection</u> At the end of the activity, students share one of their answers to the reflection questions with the class.	15 min.		
<u>Extension (Optional)</u> Students can explore more information about specific STEM careers using Discovery Education videos.		Discovery Education videos: STEM Careers Coalition Careers Portal	