

Unit 1, Topic 1: Introduction to Production Technologies

- Using the Google Classroom code found at Mr. Davis' Yola Site (<http://teacher-mr-davis.yolasite.com>), join Production Technology 8. Click on 'Unit 1, Topic 1 to 3' and create a new Docs. Save your new Docs as: Unit 1, Topic 1 - Introduction.
- The heading on your Docs should be the same as this page. Under the heading, type: "Created by [YOUR NAME]" in italics. [2 marks]
- Type 1.0 and find (copy and paste) pictures of the following: teepee, sod hut, stone house, a modern wooden house [balloon framing], and skyscraper. Do these pictures trace the evolution of dwellings throughout time? How? [10 marks]
- Type 2.0 and complete the following table (answer the questions in each cell): [9 marks]

	PRIMARY PROCESSING	SECONDARY PROCESSING	TERTIARY PROCESSING
Wood	Where does this product come from?	What does it look at the wood saw mill?	What things do we make with this?
Metal	Where does this product come from?	What does it look at the metal smelter?	What things do we make with this?
Plastic	Where does this product come from?	What does it look like at the industrial plastics plant?	What things do we make with this?

- Type 3.0 and evaluate wood as a construction material using the following criteria. Use words like 'excellent', 'very good', 'adequate', or 'poor'. Justify your answer. [6 marks]
 - tensile strength
 - compression strength
 - shear strength
 - Permeability (*What two things get into wood to destroy it?*)
 - Durability (*How long does wood last?*)
 - Density (*How light or heavy is wood compared to metal?*)
- Type 4.0 and list FIVE(5) residential production tools. (What tools and machines are used to construct a house?) [5 marks]

[KEEP SCROLLING DOWN]

7. Type 5.0 and complete the following chart as it relates to wood: [10 marks]

	DEFINITION	TOOL USED
Combining		
Separating		
Forming/Shaping		
Conditioning (preserving)		
Finishing		

8. Type 6.0 and explain why housing starts are used as an economic indicator. (*They say that an economy is going good when lots of people are building houses. Why?*) [3 marks]

TOTAL: 45 marks