



Common ASSESSMENT TASK 3 NOTIFICATION – YEAR 12

Faculty: TAS	Year / Class: 12DT
Course: Year 12 Design and Technology	Class Teacher: Mr. Dong
Task Title: Innovation Case Study	Due Date: 02/06/2017
Weighting: 20% / Total: 15 Marks	(Week 6, Term 2)

TASK INSTRUCTIONS & REQUIREMENTS:

Task Description:

Industry Study Assessment Task. H.S.C Course

Year 12 students are required to undertake a broad study of industry related to the specific company they studied in their preliminary (Yr_11) course. You can either choose the business from the list below or you can pick your own. **Note** save your work as it will be required for your year 12 industry study assessment task where you will need to answer a few more questions on the same business.

Business choices are: Bunnings Warehouse, Ikea, Masters Building Supplies, Timber Link Australia and Masterton Homes.

Students are to go through the selected topics below and answer them appropriately. You can refer to the text on page 60 and the working example on page 66 for further ideas and assistance.

Students can visit the businesses website for information or ask to speak to the public relations manager of the business and ask if they could assist you in answering some questions about their firm.

Using a word processor, write your report and use the same headings and sub-heading as shown in the sample report on page 66 of the text book.

Consider and respond to the following influencing factors related to your potential business report.

Background Information on the Company – Main heading

- Name of the company?

- Location and address of the company?
- Describe exactly what the organisation does and provide a picture of the business.
- How and when was the organisation started?

Structural factors – Main Heading

Organisation and Management structure – Sub heading

- **Finance** – Sub heading
What is the organisation's gross turnover per year?

- **Marketing and Sales** – Sub heading
How does the company advertise their products?

Describe a range of web-based technologies the company could use to market and sell its products.(HSC.2012)

Describe the possible impact on both the work practices and the organisation of the company if web-based technologies were implemented. (HSC 2012)

Should the company be thinking about expanding Analyse the structural, technical and personnel issues to be considered prior to relocating? (HSC 2010)

Analyse factors, other than personnel issues, that could affect the viability of the company at the new location? (HSC 2011)

Technical Factors – main heading

- **Tool/Equipment/Plant** – Sub heading
List the main tools and equipment which are used by the company. Provide a picture of these tools as well (you can use the internet to find the picture).

Describe the function of major tools used by the company.

- **Production techniques** - Sub heading
Describe a process that was once done by hand (manually) but is now done by a machine or a computer.

Does the company use any form of mass production in the manufacturing process? If so how?

Environmental Factor – Main heading

What impact does the resources used by the company have on the environment and society?

Outline environmental considerations that may affect the expansion of the company?
(HSC 2010)

How does the company minimise waste and what is done with the waste that they have?

Health and Safety – Main heading

How does the company provide Health and safety training for employees?

Explain why a company should comply with safety standards?

How does the company respond and promote Health and Safety within the organisation?
Eg (Does the company have signage promoting Health and Safety around the facilities like they do in our school workshops K11 and K12).

What is the companies policy regarding personal protective equipment (PPE) for its employees?

Assess strategies that a company could implement to establish and maintain a safe work culture

Procedure for assessment:

Your assignment needs to meet the following criteria;

- Your assignment needs to start with a Title page with your name displayed on the bottom right hand corner
- Each factor must start on a new page
- Your assignment needs to be approximately 1000 words or no less than 6 A4 pages
- Your assignment needs to be presented in a word document, using 12 point text
- The correct use of terminology with correct spelling and grammar is essential

OUTCOMES ASSESSED:

H 1.1 - critically analyses the factors affecting design and the development and success of design projects

H 2.1 – explains the influence of trends in society on design and production.

H 6.2 – critically assesses the emergence and impact of new technologies, and the factors affecting their development.

Marking Criteria

<p>Band 6</p> <ol style="list-style-type: none"> 1. Extensively researched and accurately detailed the structural factors influencing a timber furniture business 2. Extensively researched and accurately detailed the technical factors influencing a timber furniture business 3. Extensively researched and accurately detailed the environmental factors influencing a timber furniture business 4. Extensively researched and accurately detailed the sociological factors influencing a timber furniture business 5. Extensively researched and accurately detailed the personnel issues influencing a timber furniture business 6. Extensively researched and accurately detailed the OH&S factors influencing a timber furniture business 7. Demonstrated accurate spelling and grammatically correct structures throughout their entire assignment 	<p>13-15</p>
<p>Band 5</p> <ol style="list-style-type: none"> 1. Comprehensively researched and detailed the structural factors influencing a timber furniture business 2. Comprehensively researched and detailed the technical factors influencing a timber furniture business 3. Comprehensively researched and detailed the environmental factors influencing a timber furniture business 4. Comprehensively researched and detailed the sociological factors influencing a timber furniture business 5. Comprehensively researched and detailed the OH&S factors influencing a timber furniture business 6. Comprehensively researched and detailed the personnel issues influencing a timber furniture business 7. Demonstrated accurate spelling and grammatically correct structures throughout most of their assignment 	<p>10-12</p>
<p>Band 4</p>	<p>7-9</p>

<ol style="list-style-type: none"> 1. Sound research on structural factors influencing a timber furniture business 2. Sound research on technical factors influencing a timber furniture business 3. Sound research on environmental factors influencing a timber furniture business 4. Sound research on sociological factors influencing a timber furniture business 5. Sound research on OH&S factors influencing a timber furniture business 6. Sound research on personnel issues influencing a timber furniture business 7. Demonstrated good spelling and grammatically correct structures throughout some of their assignment 	
<p>Band 3</p> <ol style="list-style-type: none"> 1. Demonstrated basic research on structural factors influencing a timber furniture business 2. Demonstrated basic research on technical factors influencing a timber furniture business 3. Demonstrated basic research on environmental factors influencing a timber furniture business 4. Demonstrated basic research on sociological factors influencing a timber furniture business 5. Demonstrated basic research on OH&S factors influencing a timber furniture business 6. Demonstrated basic research on personnel issues influencing a timber furniture business 7. Demonstrated some good spelling and grammatically correct structures throughout some of their assignment 	<p>4-6</p>
<p>Band 2</p> <ol style="list-style-type: none"> 1. With assistance demonstrated basic research on structural factors influencing a timber furniture business 2. With assistance demonstrated basic research on technical factors influencing a timber furniture business 	<p>1-4</p>

<p>3. <i>With assistance</i> demonstrated <i>basic</i> research on <i>environmental</i> factors influencing a timber furniture business</p> <p>4. <i>With assistance</i> demonstrated <i>basic</i> research on <i>sociological</i> factors influencing a timber furniture business</p> <p>5. <i>With assistance</i> demonstrated <i>basic</i> research on <i>OH&S</i> factors influencing a timber furniture business</p> <p>6. <i>With assistance</i> demonstrated <i>basic</i> research on <i>personnel</i> issues influencing a timber furniture business</p> <p>7. Demonstrated <i>small amounts of correct spelling</i> and <i>grammatically correct structures</i> throughout their assignment</p>	
<p>Band 1</p> <ul style="list-style-type: none"> • Non attempt 	<p>0</p>
<p>Teacher Feedback:</p>	