Year 12 - Industrial Technology

Industry Study Report 2024

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| **TOPIC**: Industry study written report | **MARKS:** /10 |
| **SUBMISSION REQUIREMENTS:** This task is to be completed at home and submitted on CANVAS by**Due Date:**  Term 2, Week 2 Friday 10th May  | **WEIGHTING:**  20% |
| **OUTCOMES TO BE ASSESSED:**H1.1 **Investigates** industry through the study of business in one focus area.H1.3 **Identifies** important historical developments in the focus area industry.H7.1 **Explains** the impact of the focus area industry on the social and physical environment.H7.2 **Analyses** the impact of existing, new and emerging technologies of one related industry on society and the environment. |
| **DIRECTIONAL VERBS:****Investigate:** Plan, inquire into and draw conclusions about**Identify:** Recognise and name**Explain:** Relate cause and effect; make the relationships between things evident; provide why and/or how**Analyse:** identify components and the relationship between them; draw out and relate implications |
| **TASK DESCRIPTION:**You are required to complete a written report to **investigate** a business within the timber industry. You will need to **analyse** the impact of technology and how it has improved the operation and efficiency of your chosen business. You will be provided with an ALARM scaffold to assist with the structure of your written response.  |
| **ASSESSMENT CRITERIA:**Using the ALARM scaffold attached you are to structure your responses into a written report. **NOTE:** The scaffold template is attached and on CANVAS. **1. Identify** and **Investigate** TWO historical developments that have occurred within the business, these could include: Manufacturing processes, types of materials used and work practices. **2. Explain** what the business does to implement, establish and maintain a safe work culture both socially and physically (e.g., environmental and sociological factors)**3. Analyse** the impact of existing, new and emerging technologies on the work practices of a business within the industry of your chosen area of study.  |

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| **ASSESSMENT MARKING CRITERIA** |
| **H1.1** **Investigates** industry through the study of business in one focus area.**H1.3** **Identifies** important historical developments in the focus area industry.**H7.1 Explains** the impact of the focus area industry on the social and physical environment.**H7.2** **Analyses** the impact of existing, new and emerging technologies of one related industry on society and the environment. | **Mark** |
| Student produces a thorough written response which accurately **investigate** the importance of historical developments, the impact it has had on the industry both socially and physically within a chosen study of a businessby including the following:* Thoroughly **Identifies** *relevant and appropriate historical developments for the chosen business*
* *Comprehensively* ***explains*** *the impact of the focus area on the social and physical environment*
* *Extensively* ***analyses*** *the impact of new and emerging technologies on the chosen industry and on the society and the environment.*
 | 9 - 10 |
| Student produces a detailed written response which **investigates** the importance of historical developments, the impact it has had on the industry both socially and physically within a chosen study of a businessby including the following:* ***Identifies*** *highly relevant and appropriate historical developments for the chosen business*
* *Effectively* ***explains*** *the impact of the focus area on the social and physical environment*
* ***Analyses*** *in detail the impact of new and emerging technologies on the chosen industry and on the society and the environment.*
 | 7 - 8  |
| Student produces a sound written response which **investigates** the importance of historical developments, the impact it has had on the industry both socially and physically within a chosen study of a businessby including the following:* ***Identifies*** *relevant and appropriate historical developments for the chosen business*
* ***Explains*** *the impact of the focus area on the social and physical environment*
* ***Analyses*** *the impact of new and emerging technologies on the chosen industry and on the society and the environment.*
 | 5 - 6 |
| Student produces a basic written response which may or may not **investigate** the importance of historical developments, the impact it has had on the industry both socially and physically within a chosen study of a businessby including the following:* ***Identifies*** *some relevant and appropriate historical developments for the chosen business*
* *May or may not* ***investigate*** *the impact of the focus area on the social and physical environment*
* *May or may not address the impact of new and emerging technologies on the chosen industry and on the society and the environment.*
 | 3 - 4 |
| Student produces a limited written response which may or may not **investigate** the importance of historical developments, the impact it has had on the industry both socially and physically within a chosen study of a businessby including the following:* ***Identifies*** *limited historical developments for the chosen business*
* *May or may not* ***investigate*** *the impact of the focus area on the social and physical environment*
* *May or may not address the impact of new and emerging technologies on the chosen industry and on the society and the environment.*
 | 1 - 2  |

**Year 12 Industry study written report – Assessment Task 2**

**Outcomes: H1.1, H1.3, H7.1, H7.2**

**Questions:**

1. **Investigate** TWO historical developments that have occurred within the industry, these could include: Manufacturing processes, types of materials used & Work practices

2. **Explains** what the business does to implement, establish and maintain a safe work culture both socially and physically

3. **Evaluate** the effect of new and emerging technologies on the work practices of a business within the industry of your chosen area of study.

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| **Identify** | **Describe** | **Explain** | **Analyse** | **Critically Analyse** | **Evaluate** |
| Investigate TWO historical developments that have occurred within the industry, these could include: Manufacturing processes, types of materials used and Work practices | What are the details? (e.g. description about the historical developments within the business) | Explains what the business does to implement, establish and maintain a safe work culture both socially and physically | The impact on the societal and physical environment How and why? (i.e., why would business put procedures in place)  | Recommend some strategies that you would put in place to maintain a safe work culture, both socially and physically | Evaluate the effect of existing, new and emerging technologies on the work practices of a business within the industry of your chosen area of study.  |
|  |  | **Implement:** Safe work practices such as PPE |  |  | **Existing** (i.e., technologies that are currently being used within the business for a long period of time) |
|  |  | **Establish:** putting systems in place to ensure safe working environments (e.g. policy and procedures) |  |  | **New** (i.e., currently being used within the workplace within the last FIVE years) |
|  |  | **Maintain:** Quality control  |  |  | **Emerging** (technologies that are being trialled within the industry) |
|  |  | Consider this socially (e.g. workplace interaction and working together in a team environment)  |  |  |  |
|  |  | Consider this physically (e.g. ensuring break times are allocated throughout the day) |  |  |  |