



11

DNT

Revision Content Part 2

Miss Bet

Outline

1. Syllabus Outcomes
2. Class Activity: annotate HSC questions collectively.
(Questions from last lesson).
3. Class Activity:
Differentiating Band Standards.
4. Class Activity: annotate Trial HSC questions collectively.
5. Quizlet
6. Attempt annotated Trial HSC Questions (homework)

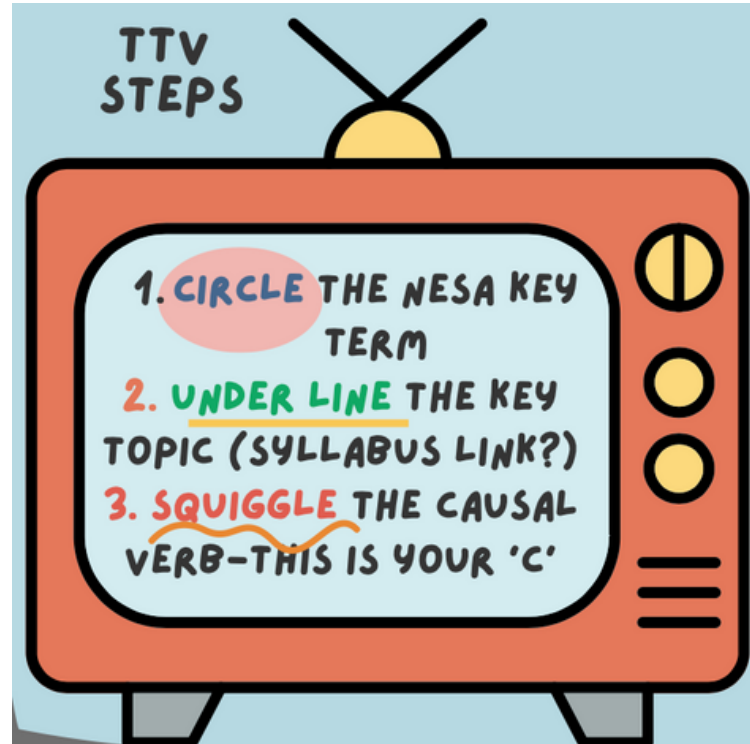


Syllabus Outcomes

This revision lesson directly guides students in achieving several syllabus outcomes. Including P1.1 (as seen highlighted below).

Objectives Students will develop:	Preliminary Outcomes A student:	HSC Outcomes A student:
1. knowledge and understanding about design theory and design processes in a range of contexts	P1.1 examines design theory and practice, and considers the factors affecting designing and producing in design projects	H1.1 critically analyses the factors affecting design and the development and success of design projects H1.2 relates the practices and processes of designers and producers to the major design project

Class Activity: Annotate HSC Questions



SHORT ANSWER

- Read and Breakdown the Question-Complete ttv.
- Think of the syllabus dot point it related to.
- follow STEC structure
- Confused? Never have a non-attempt!

2019 HSC

Question 11 (5 marks)

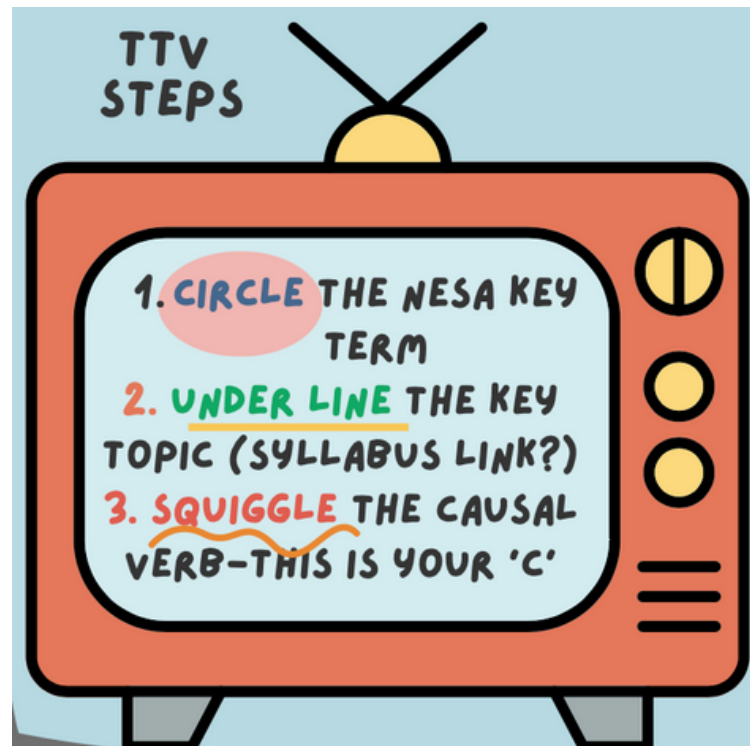
- (a) Identify TWO different methods of evaluation.

What does method mean?

2

Class Activity: Annotate HSC Questions

POTENTIAL
ANSWER



SHORT ANSWER

- Read and Breakdown the Question-Complete ttv.
- Think of the syllabus dot point it related to.
- follow STEC structure
- Confused? Never have a non-attempt!

2022 HSC

Question 12 (3 marks)

Describe how technology can assist designers in overcoming communication barriers.

Technology can visually communicate potential design solutions to the target market or provide clear instructions to various team members within the construction process. As such, CAD softwares like Fusion360 or SketchUp can effectively illustrate several prototypes that highlight complex elements within an idea, thus, eliminating miscommunications as modifications can be applied prior to commencing the next design stages. Overall, this enhances the function, quality and suitability of a final design.

Class Activity: Differentiating Band Standards

SYLLABUS OUTCOME

Section II

Question	Marks	Content	Syllabus outcomes
11	2	Safe work practices	H6.1

MARKING CRITERIA

Question 11

Criteria	Marks
<ul style="list-style-type: none">Sketches in general terms or indicates the main features of occupational health and safety factors to be considered in the mass production of an office chair	2
<ul style="list-style-type: none">Identifies an occupational health and safety factor that a designer may consider in the mass production of an office chair	1

G.L.U.E

G

L

U

E

"How do you glue?"
When assessing your response, use 'GLUE'.
That means you need to locate....

G

Glossary terms
Where in your response do you use topic specific terminology.

L

Link
Where in your response do you have clear links back to the question.

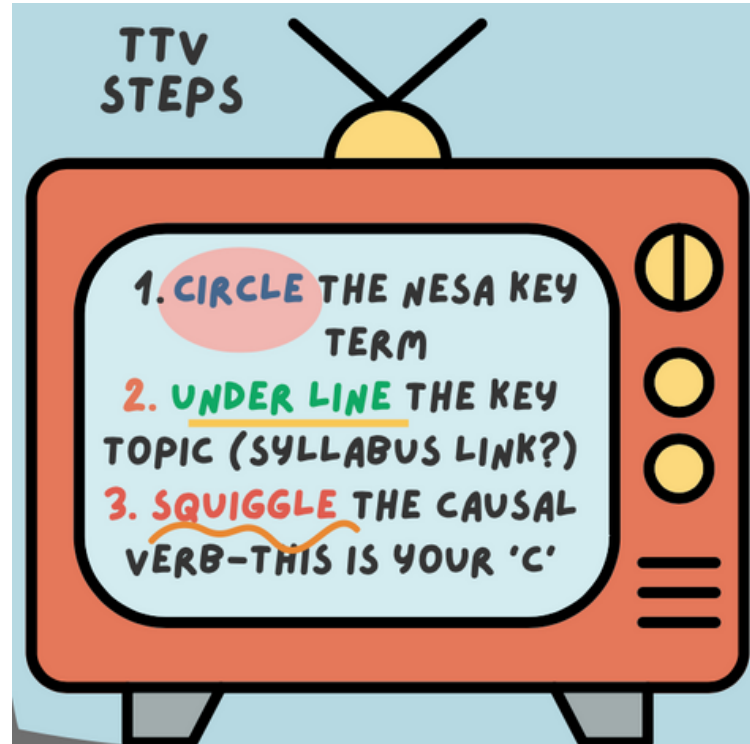
U

Understanding
Where in your response do you demonstrate a deep understanding of the content related to the question.

E

Examples
Where in your response do you use examples to demonstrate your deep understanding.

Class Activity: Annotate Trial HSC Questions



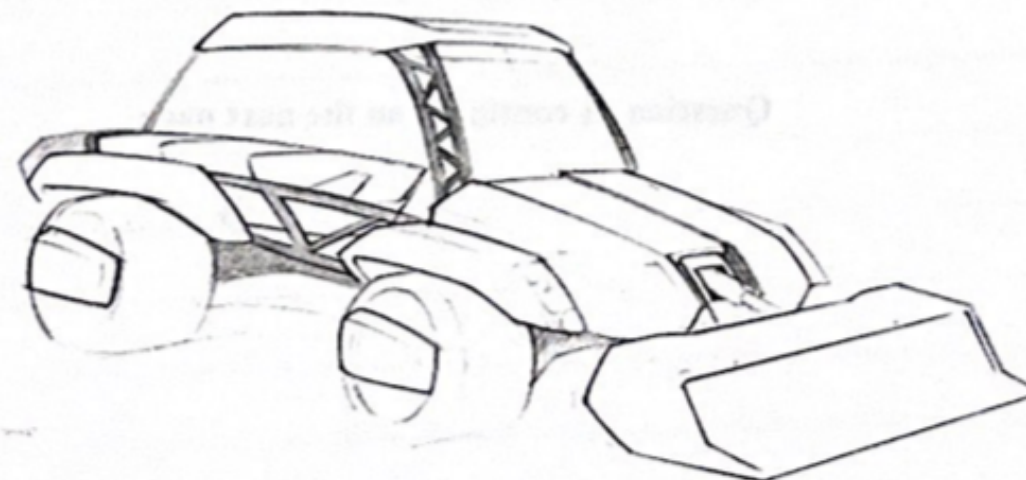
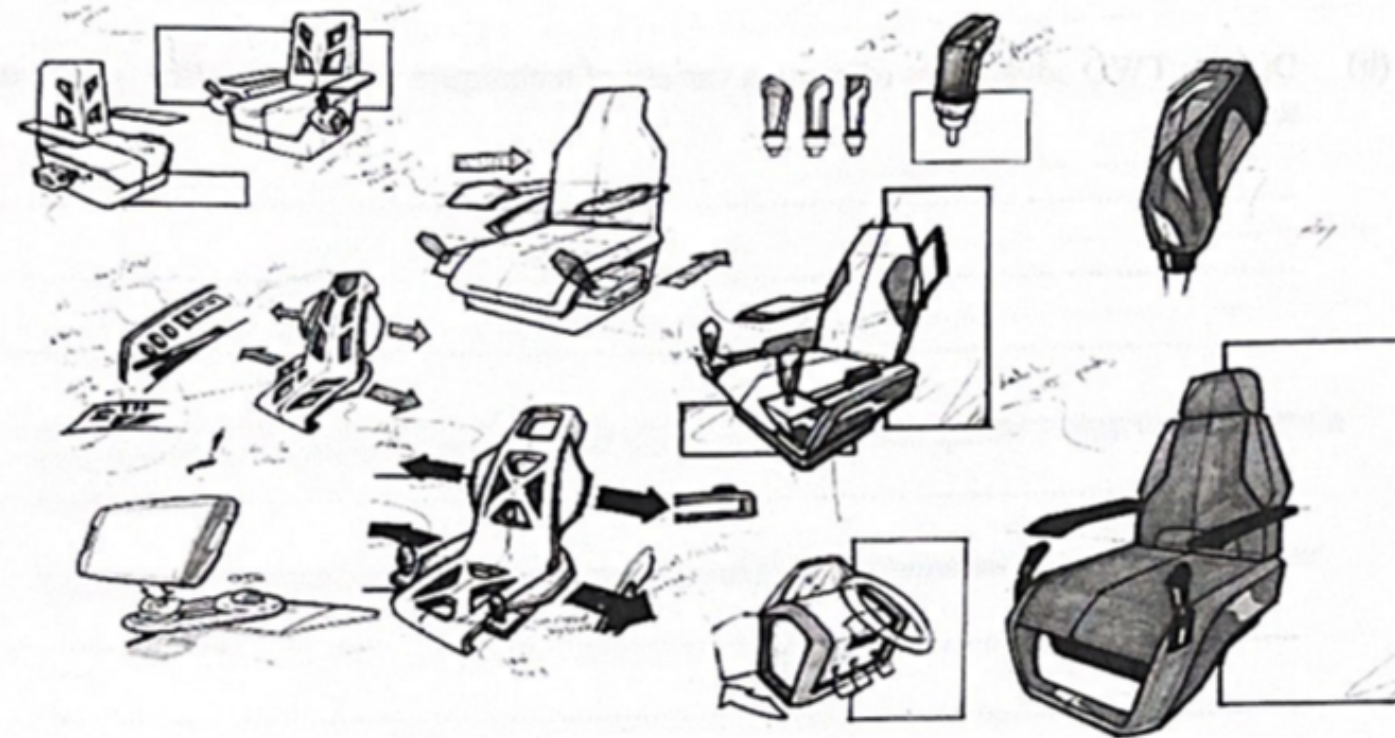
SHORT ANSWER

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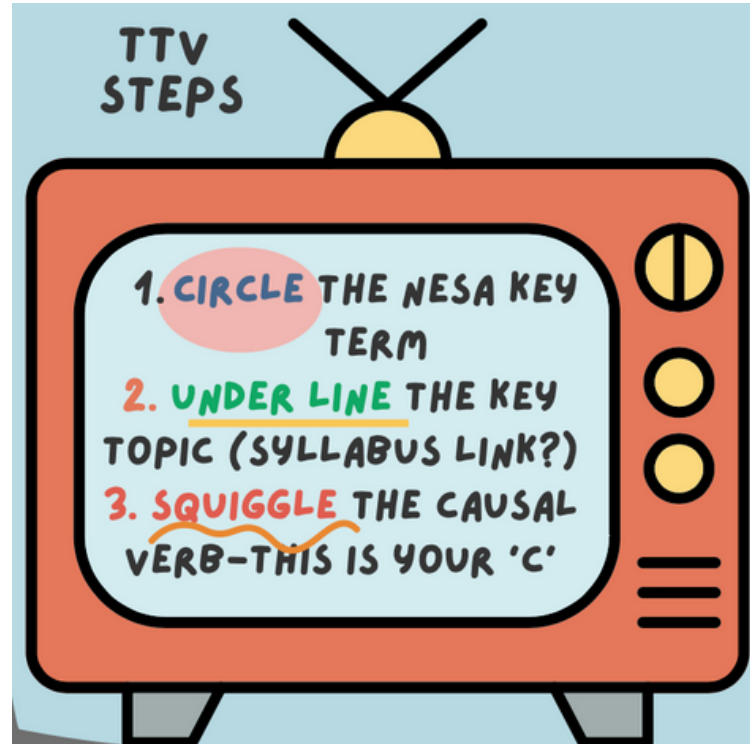
Question 11 (15 marks)

Marks

JCB's earthmoving loader- interior layout



Class Activity: Annotate Trial HSC Questions



SHORT ANSWER

- Read and Breakdown the Question-Complete **ttv**.
- Think of the **syllabus dot point** it related to.
- follow **STEC structure**
- Confused? Never have a non-attempt!

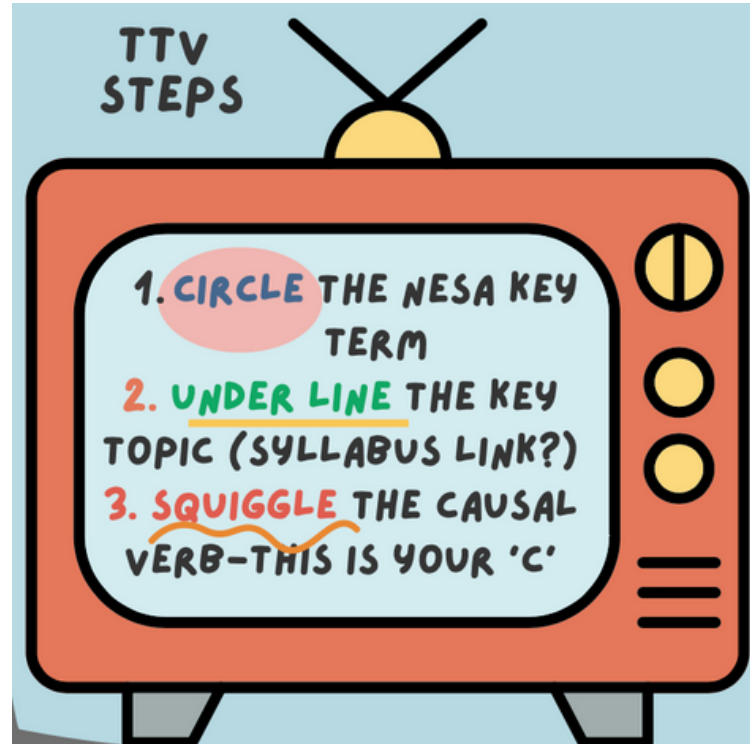
Question 11 (continued)

Marks

- (c) Define the term *ergonomics* and explain why it would have been an influencing factor when designing the interior of the JCB loader.

4

Class Activity: Annotate Trial HSC Questions



SHORT ANSWER

- Read and Breakdown the Question-Complete **ttv**.
- Think of the **syllabus dot point** it related to.
- follow **STEC structure**
- Confused? Never have a non-attempt!

(d) *Environmentally friendly designs will soon cease to be an option – they will become a necessity!*

Discuss this statement and evaluate the potential environmental impact of the loader.

5

Group Quizlet

Click [here](https://quizlet.com/_a5v117?x=1jqt&i=56jd2l) OR

Copy the Link below:

[https://quizlet.com/_a5v117?](https://quizlet.com/_a5v117?x=1jqt&i=56jd2l)

[x=1jqt&i=56jd2l.](https://quizlet.com/_a5v117?x=1jqt&i=56jd2l)





Attempt Annotated Trial HSC Questions

HOMEWORK:
Finish questions &
email betp01@dow.catholic.edu.au for feedback
(optional but beneficial).