

# Verbs of the Week!



## DIFFUSION

diffusion coefficient  $D$  is... both self- and interdiff...  
52. The diffusing species as well...  
For example, there is a slight...  
and carbon interdiffusion in  $\alpha$ -iron...  
interdiffusion ( $3.0 \times 10^{-21}$  vs.  $2.4 \times 10^{-21}$ ...  
between rates of diffusion via vacancy...  
diffusion occurs by a vacancy mechanism.

From profound influence on the coefficients...  
the self-diffusion of Fe in  $\alpha$ -Fe, the diffusion...  
of tungsten (from  $3.0 \times 10^{-21}$  to  $1.3 \times 10^{-21}$ ...  
at 900°C. (Table 5.2). The temperature...

Activation Energy $Q_d$ (kJ/mol)	Calculation $D_0$ (m <sup>2</sup> /s)
2.40	50
2.40	100
2.40	200
2.40	300
2.40	400
2.40	500
2.40	600
2.40	700
2.40	800
2.40	900
2.40	1000



## **Verb of the Week!**

# Account

Account for: state reasons for, report on, give an account of narrate a series of events or transactions.

**OUTCOME P1.1 QUESTION: Account for the rise in built in obsolescence in electronic appliances.**

**Identify and expand on each point.**



## Verb of the Week!

# Analyse

Identify components and the relationship among them

**OUTCOME P1.1 QUESTION: Analyse the advantages of an interaction and overlap of design professions.**

Describe each component	Identify the relationship between the components.
Component 1	
Component 2	
Component 3	



# Verb of the Week!

# Assess

Make a judgement of value, quality, outcomes, result or size.

**OUTCOME P2.2 QUESTION: Assess the impact safety and health and community needs have on the design of a children's playground.**

Focus	Advantages	Disadvantages	Judgement / Stance
Community needs			
Safety and health			

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## Verb of the Week!

# Compare

Show how things are similar or different.

**OUTCOME P2.1 QUESTION: Compare the production processes used in a domestic setting compared to those used in an industrial setting.**

Describe each production process. It may be helpful to use a product as an example.

Similarities

Differences

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## Verb of the Week!

# Define

State meaning and identify essential qualities.

**OUTCOME P5.1 QUESTION: Define the purpose of project management.**

Meaning	Essential qualities

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## Verb of the Week!

# Describe

Provide characteristics and features.

**OUTCOME P4.2 QUESTION: Describe the role of Work Cover as a statutory authority.**

*Characteristics-*

*a quality or feature of something or someone that is typical of them and easy to recognise*

*Features-*

*a part of something that you notice because it seems important, interesting, or typical*

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## Verb of the Week!

# Discuss

Identify issues and provide points for and /or against

**OUTCOME P3.1 QUESTION:** *Working collaboratively is vital when designing and producing. Discuss this statement, providing specific examples.*

	<i>Issues</i>	<i>Examples</i>
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<b>Points for:</b>		
<b>Points against:</b>		

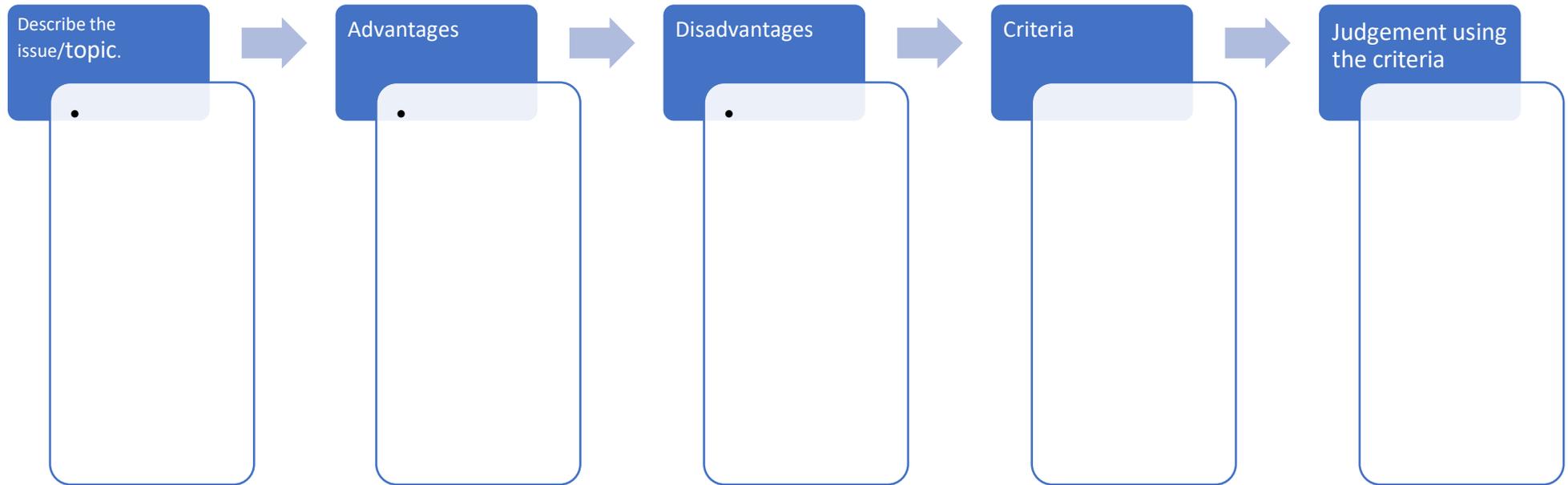


## **Verb of the Week!**

# Evaluate

Make a judgement based on criteria; determine the value of.

**OUTCOME P6.2 QUESTION: Evaluate TWO computer-based technologies that could be applied when communicating design ideas.**



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Week!**

# Explain

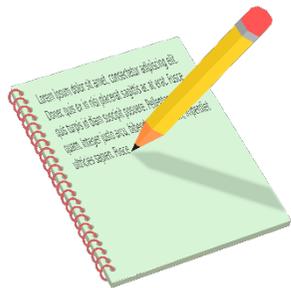
Relate cause and effect; make the relationships between things evident; provide why and/or how.

**OUTCOME P5.3 QUESTION: Explain why it is necessary to use a variety of research methods when developing design projects.**

<i>Identify Cause</i>	<i>Identify Effect</i>	<i>Why/How</i>

OR

<i>Describe the relationship between elements</i>	<i>Why or how</i>



**Verb  
of the  
Week!**

# Identify

Recognise and name.

## OUTCOME P4.1 QUESTIONS:

Identify FOUR ways to gather data for market research:

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- 
- 
- 

Identify FOUR common parameters designers face when completing a design project.

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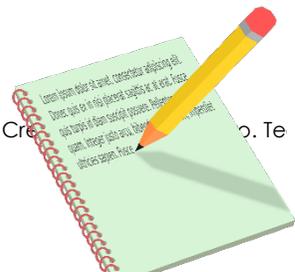


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og **Investigate**

**OUTCOME P5.2 QUESTION: Investigate the most appropriate methods interior designers use to communicate their design ideas to a client.**

Areas to research	References	Findings



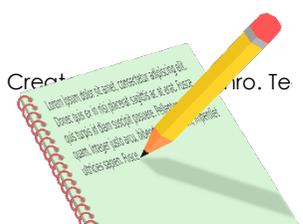
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**Justify**

**OUTCOME P5.2 QUESTION:** *Justify the manufacturing processes you have used in your last project.*

<b>Argument/points of view on the topic</b>	<b>Evidence to support your argument/point of view. (Examples!)</b>



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# Outline

**OUTCOME P1.1 QUESTION: Outline how a designer considers the appropriateness of a solution when designing and producing.**

