



Grade 11 PAT

Selecting the Best Solution

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PAT Strategies

- ▶ This portion will demonstrate whether or not the learner understands the design brief within the context of the specifications and constraints



PAT Strategies

- ▶ A table should be drawn in comparing the two drawings

PAT Strategies

- ▶ The TWO freehand drawing solutions must be compared by:
 - ▶ Creating a table
 - ▶ Apply a minimum of VIFE descriptor criteria.
 - ▶ Applying a simple rating scale to each criterion.
 - ▶ Describe the positives and/or negatives of each criterion.

PAT Strategies

- The TWO freehand drawing solutions must be compared by:
 - Creating a table
 - Apply a minimum of FIVE descriptor criteria.
 - Applying a simple rating scale to each criterion.
 - Describe the positives and/or negatives of each criterion.

PAT Strategies

- ▶ The same SIX descriptor **criteria** should be used for both free hand drawings:
 - ▶ Criteria could include aspects like:

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	Solution 1			Solution 2		
1. Size of the shop(s)						
2. Layout of site plan						
3. Ramps or stairs etc.						
4.						
TOTAL						

PAT Strategies

- ▶ The TWO freehand drawing solutions must be compared by:
 - ▶ Creating a table
 - ▶ Apply a minimum of FIVE descriptor criteria.
 - ▶ Applying a simple rating scale to each criterion.
 - ▶ Describe the positives and/or negatives of each criterion.

PAT Strategies

- Apply a rating scale to each criterion

2-mark level descriptor

0	No evidence/not done (very poor)
1	Evidence shown but not correct/complete/compliant/achieved/clear (average)
2	All evidence shown/correct/complete/compliant/achieved/clear (very good)

PAT Strategies

- ▶ The TWO freehand drawing solutions must be compared by:
 - ▶ Creating a table
 - ▶ Apply a minimum of FIVE descriptor criteria.
 - ▶ Applying a simple rating scale to each criterion.
 - ▶ Describe the positives and/or negatives of each criterion.

PAT Strategies

- SIX descriptor criteria should be **evaluated** according to positives and negatives:
 - Describe the **positives** and/or **negatives** of each

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	Solution 1			Solution 2		
1. Size of the shop(s)	The bakery is not according to the required m ²	Shopping area is too small & kitchen too big		The shop is according to the required m ²	Shopping area size acceptable	
2. Layout of site plan						
3. Ramps or stairs etc.						
4,						
TOTAL						

PAT Strategies

► **Rate** each criteria according to the rating scale.

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	Solution 1			Solution 2		
1. Size of the shop(s)	The bakery is not according to the required m ²	Shopping area is too small & kitchen too big	1	The shop is according to the required m ²	Shopping area size acceptable	2
2. Layout of site plan						
3. Ramps or stairs etc.						
4,						
TOTAL						

PAT Strategies

➔ **Total** each solution.

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	Solution 1			Solution 2		
1. Size of the shop(s)	The bakery is not according to the required m ²	Shopping area is too small & kitchen too big	1	The shop is according to the required m ²	Shopping area size acceptable	2
2. Layout of site plan						
3. Ramps or stairs etc.						
4,						
TOTAL	1			2		