



# Grade 10 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 with a minimum of FOUR descriptor criteria.
  - ▶ Describe the positives and/or negatives of each criterion.
  - ▶ Applying a simple rating scale to each criterion.

# PAT Strategies

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

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	<b>Solution 1</b>			<b>Solution 2</b>		
1. Size						
2. Layout						
3. Fixtures etc.						
<b>TOTAL</b>						

# PAT Strategies

- ▶ The FOUR 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
	<b>Solution 1</b>			<b>Solution 2</b>		
1. Size	It is not according to the required m <sup>2</sup>	... area is too small & ... too big		It is according to the required m <sup>2</sup>	... area size acceptable	
2. Layout	...	...		...	...	
3. Fixtures etc.	...	...		...	...	
<b>TOTAL</b>						

# 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

- Rate each criteria according to the rating scale.

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	<b>Solution 1</b>			<b>Solution 2</b>		
1. Size	It is not according to the required m <sup>2</sup>	... area is too small & ... too big	1	It is according to the required m <sup>2</sup>	... area size acceptable	2
2. Layout	...	...		...	...	
3. Fixtures etc.	...	...		...	...	
<b>TOTAL</b>						

# PAT Strategies

► Total each solution.

Criteria	Positive	Negative	Mark	Positive	Negative	Mark
	<b>Solution 1</b>			<b>Solution 2</b>		
1. Size	It is not according to the required m <sup>2</sup>	... area is too small & ... too big	1	It is according to the required m <sup>2</sup>	... area size acceptable	2
2. Layout	...	...	1	...	...	2
3. Fixtures etc.	...	...	1	...	...	1
<b>TOTAL</b>			<b>3</b>			<b>5</b>