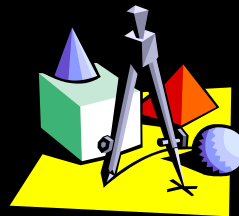




ExiLO

Excel in Loci



# Excel in Loci

Nice to



Meet U

by Mak Wai Fong

SMK Khir Johari

Kedah, Malaysia



# REFLECTION ON PREVIOUS TEACHING AND LEARNING

- \* 75% did not answer
- \* Only 1 out of 24 student answered correctly
- \* Compulsory question in PMR
- \* forecast 100% passes



# Focus of the study

- Skill of using the compasses
- Skill to understand the questions
- Skill to construct loci



# Target Group

Male

12  
students

Female

12  
students



|                |    |
|----------------|----|
| Hostel student | 11 |
| Day student    | 13 |

|                        |   |
|------------------------|---|
| sleepy hostel students | 5 |
|------------------------|---|

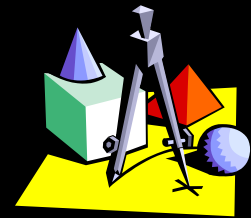
|                      |   |
|----------------------|---|
| passive and negative | 8 |
|----------------------|---|

|               |   |
|---------------|---|
| always absent | 2 |
|---------------|---|

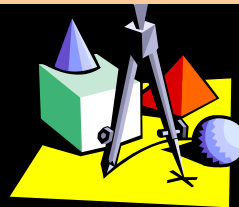
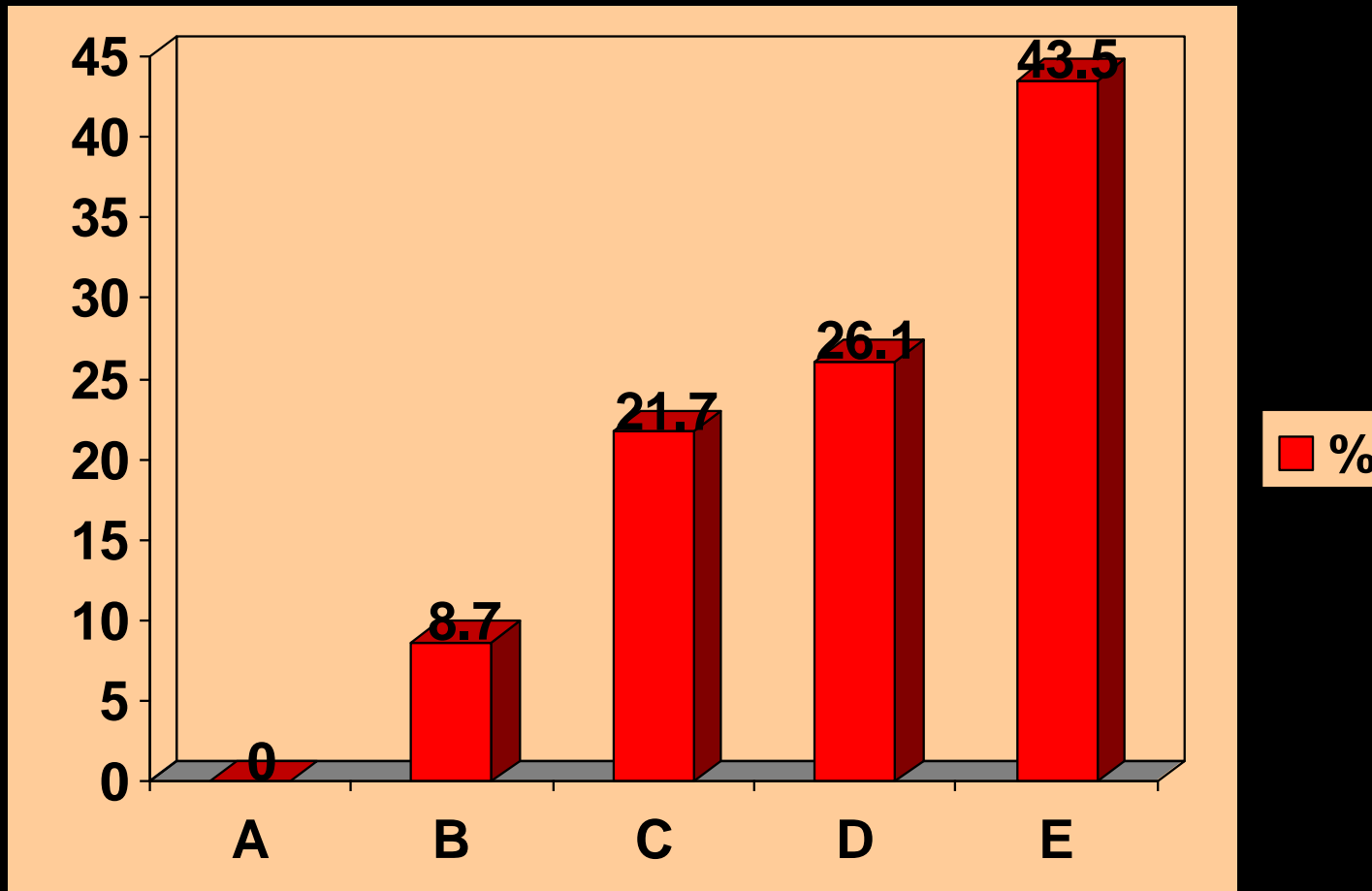


# Survey on problems

1. Scrutinizing of exercise books
2. Interview
3. Questionnaire
4. Pre-test



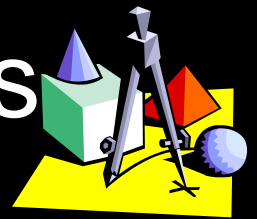
# Analysis of pre-test





# Implementation

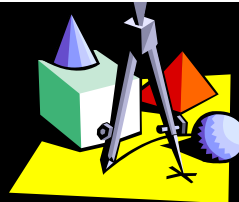
- Smartdraw contest
- Fundraw contest
- GSP- Guarantee Sure Pass
- Quiz 'I Spy'
- Quiz 'Forget Me Not'



# Implementation

- Smartdraw

Fundraw

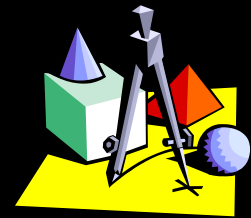


# Guarantee

**G  
S  
P**

# Sure

# Pass



# Quiz

'I Spy'



# Locus equidistant from a fixed point

- X is the locus , 5 units/cm from a **point A**

L •

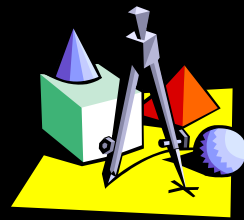
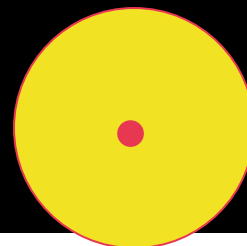
- X is the moving object,  $XA = 5 \text{ units/cm}$

L •

- X is the locus,  $XA = AB$

a line

A fixed point



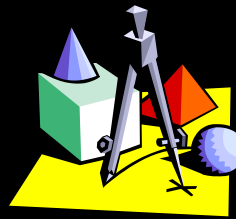
# Locus equidistant from 2 points

• X is the locus, equidistant from a point A, B



• X is the locus,  $XA = XB$

2 points



# Forget Me Not

## 1. Enhancement activity

[Logo](#)



# Forget Me Not

## 2. Enrichment activity

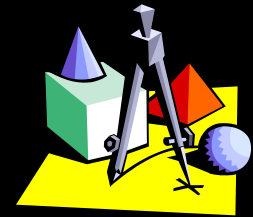
flora





# Observation

Amazed



Active



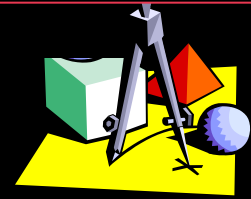
Enthusiatic

# Reflection

Hands-on

Mind-on

visual *and* concrete



# Reflection

students are

dynamic

Self-confidence



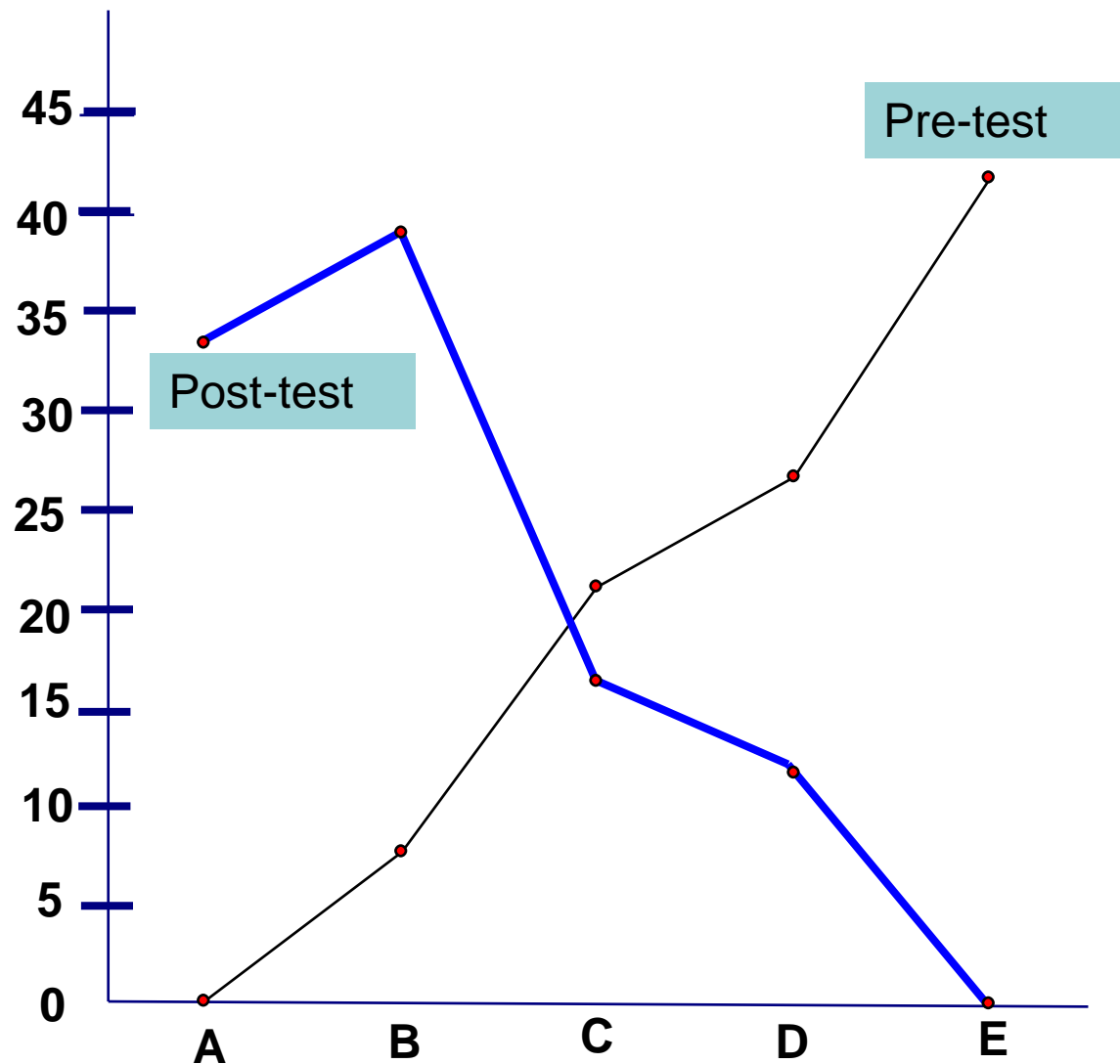
# Reflection

Cognitive

Concept of loci

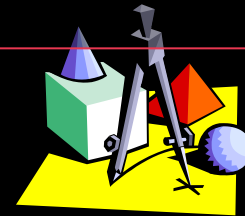


# Assessment

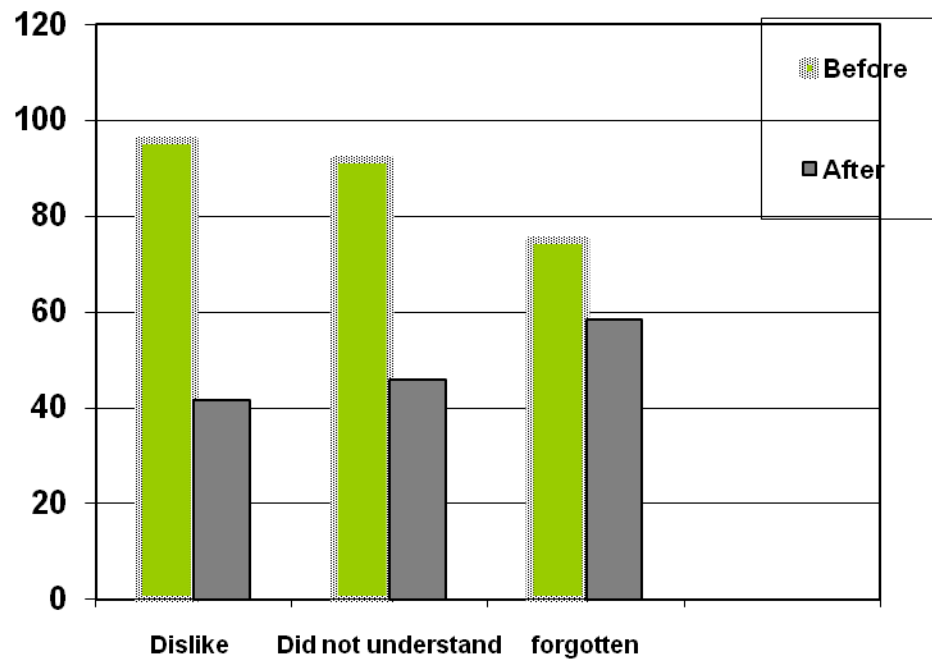


# Reflection

**Affective**  
**Co-operative**  
**Tolerance**

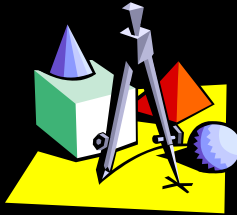


# Result of the interview



# Reflection

## Psychomotor



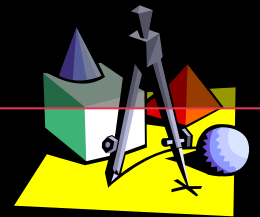
**Construction tools**

**GSP software**

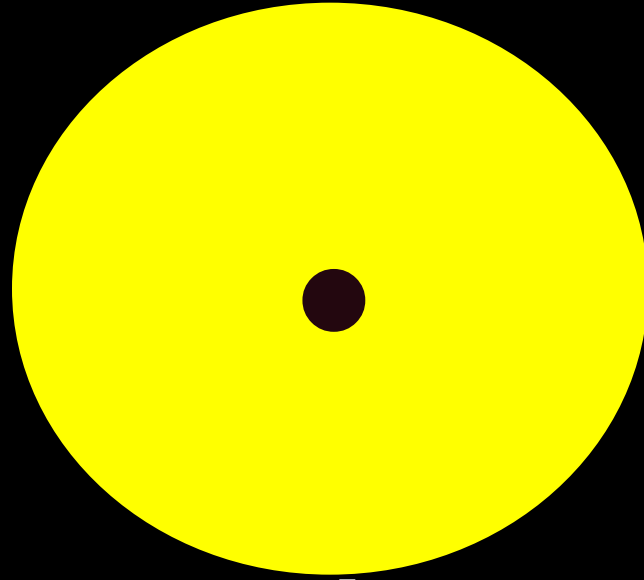


# Reflection

## Transform Research



thank you



Good



Bye

