



**UNIVERSITAS NEGERI YOGYAKARTA**  
**FAKULTAS MIPA**

FRM/FMIPA/063-00  
1 April 2010

LESSON PLAN

1. Faculty /Study Program : MIPA/Mathematics Education
2. Subject & Code : Solid Geometry/MAA 310
3. The number of credit : 2 theory, 1 practice
4. Semester and Duration : 3, 1x100 minutes
5. Based Competency : Understand concepts of basic geometry objects
6. Achievement Indicator :
  - Student can investigate the relations among basic geometry objects
7. Material : Basic geometry objects
8. Lecture Activity : 2

Step Component	Activity	Duration	Method	Media	References
Introduction	1. Motivating the students by showing the problems in daily life related to geometry objects.	3'	Discussion	LCD, handout, worksheet	A B C
	2. Stating the competency that the students have to attain and its indicators.	2'			
Main Activities	1. The teacher explains the material	20'			
	2. The students work in a group to discuss undefined terms and their relations	30'			
	3. Some groups present their results of discussion and other groups give some comment or questions, and the teacher acts as a moderator.	30'			
Closing Activity	Conclude the discussion	10'			
Further Activities	Invite the students to ask and give the task	5'			

9. Evaluation

The evaluation is performed based on the student activities in discussion, doing exercise.

10. References

- A. J.M. Aarts. 2008. Plane and solid geometry. Springer Science: New York
- B. Wentworth, G and Eugene Smith, D. Solid Geometry. Ginn and Company

C. Woodruff, BW and Eugene Smith, D. New Plane and Solid Geometry. Ginn and Company

Yogyakarta, September 2010  
Lecturer

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