Course Syllabus

Code - Course Title	**MTE503 - Geometric Thinking in Children**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. TUBA ADA

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Van Hiele's geometric thinking stages	
Week - 2		the researches about Van Hiele's geometric thinking	
Week - 3		the researches about Van Hiele's geometric thinking	
Week - 4		Geometric habits of mind	
Week - 5		Geometric habits of mind	
Week - 6		Geometric Relationships	
Week - 7		Geometric Relationships	
Week - 8		Geometric Measurement	
Week - 9		Geometric Measurement	
Week - 10		Geometric Transformations	
Week - 11		Principles of geometric thinking	
Week - 12		Algebraic thinking versus Geometric thinking	
Week - 13		Researches about geometric thinking	
Week - 14		Researches about geometric thinking	

Learning Outcomes

#	Learning Outcome
1	transfers the child's development of geometric thinking
2	solves geometry problems with dynamic geometry programs.
3	explains the major approaches to the geometry.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	40
Homework	1	30
	Sum (%)	**100**