	BASIC MATHEN	MATIC	S IN PRIMARY SCHOOL								
1	Course Title:	BASIC MATHEMATICS IN PRIMARY SCHOOL									
2	Course Code:	SIN1001									
3	Type of Course:	Compuls	sory								
4	Level of Course:	First Cycle									
5	Year of Study:	1									
6	Semester:	1									
7	ECTS Credits Allocated:	5.00	5.00								
8	Theoretical (hour/week):	3.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:										
12	Language:	Turkish									
13	Mode of Delivery:	Face to face									
14	Course Coordinator:	Doç. Dr. YELİZ YAZGAN									
15	Course Lecturers:	Doç.Dr.Yeliz YAZGAN									
16	Contact information of the Course Coordinator:	Adres: Bursa Uludağ Üniversitesi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Matematik Eğitimi Anabilim Dalı, 16059 Görükle / Bursa E-Mail:dsmemnun@uludag.edu.tr									
17	Website:										
18	Objective of the Course:	Number systems and hierarchical model, the four operations closed properties of number systems, mathematical modeling, problem solving and setting with four operations, writing a base 10 number in other bases and converting a number written in other bases to base 10, base 10 four operations in bases except four operations, divisibility rules for 2, 3, 4, 5 and 10 with proofs, least common multiple and greatest common divisor, four operations with fractions and fractions, fraction and ratio relation, writing numbers in decimal fraction and four operations, patterns, basic geometric shapes, basic space geometry - geometric objects and expansions, the concept of measure and basic measurement units and the relationship of these subjects with the purpose, principle and primary school mathematics curriculum of mathematics education.									
19	Contribution of the Course to Professional Development:	It contributes to the teacher's math literacy.									
20	Learning Outcomes:										
		1	Comprehending the historical development of mathematics with its subject, principles, basic concepts and its place in other sciences								
		2	Understanding the aims of teaching mathematics								
		3	Comprehending general information about mathematics subjects in the primary school curriculum, their characteristics and their equivalents in daily life and their usage areas								
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21	Course Content:								
		Co	urse Content:						
Week	Theoretical		Practice						
1	Definition of mathematics The nature mathematics Purpose and importanc mathematics								
2	Mathematics and life Purpose and im of mathematics in primary school Bas principles of mathematics Mathematic curriculum Mathematics and other sc	sic cs and							
3	The concept of numbers The history numbers Natural numbers Number sylumber systems and their hierarchic	ystems							
4	Setting up a number system and ope Closure properties of number system according to four operations								
5	Four operations in bases other than basis arithmetic and digit value Divis rules for 2, 3, 4, 5 and 10 with integer Divisibility Proofs Divisibility rules for numbers such as 7, 11	ibility rs and							
6									
7	Definition of pattern Importance of pa	ittern							
Activit	es		Number	Duration (hour)	Total Work Load (hour)				
Theore	inadeling What is problem and proble	em	14	3.00	42.00				
	als/Labs		0	0.00	0.00				
Self stu	Stages Proberatisetting and solving w	ith four	14	2.00	28.00				
Homew	vorks		14	2.00	28.00				
Project	Example word problems and their so	lutions	0	0.00	0.00				
Field S	tudies		0	0.00	0.00				
Mi dt ern	Operations in fractions Writing number	ers in	1	20.00	20.00				
Others			0	0.00	0.00				
Final E	ଏଞ୍ଜ metric concepts Basic space ged	metry	1	32.00	32.00				
	/ork Load	· · · · · · · · · · · · · · · · · · ·			170.00				
	INTERSUREMENT EXPIANATIONS AND THE CONTROL OF THE PROPERTY OF	Joncept			5.00				
	Credit of the Course				5.00				
14	The concept of measure basic units of measure The importance of estimating measurement								
22	Textbooks, References and/or Other Materials:								
23	Assesment								
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT						
Midterm Exam 1			40.00						
Quiz			0.00						
Home work-project (0.00						
Final E	xam	1	60.00						
Total		2	100.00						

Contribution of Term (Year) Learning Activities to Success Grade							40.	40.00								
Contribution of Final Exam to Success Grade								60.	60.00							
Total								100	100.00							
Measurement and Evaluation Techniques Used in the Course								ne Mu	Multiple choice tests							
24 EC	CTS/	TS / WORK LOAD TABLE														
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	1	3	2	2	1	1	1	2	3	4	2	2	3	3	2	1
ÖK2	3	2	3	4	1	2	3	2	4	4	2	3	1	2	1	4
ÖK3	1	1	2	3	4	4	5	1	1	2	3	3	4	4	5	5
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low				2 low		3 Medium			4 High		5 Very High					

ution Level: