# MODULE PORTFOLIO ODD SEMESTER ACADEMIC YEAR 2019/2020

MODULE NAME	:	Contextual Mathematics	LECTURER:
MODULE CODE	:		
CLASS	:	2018	
SEMESTER	:	3	
DATE		27 Januari 2020	Rooselyna Ekawati, Ph.D
	•		Ahmad Wachidul Kohar, M.Pd
COURSE LEARNING		Programme Learning Outcomes (PLO)	
OUTCOMES		<b>KNO-2</b> Able to demonstrate pedagogical knowledge in designing, implementing and evaluating M	lathematics' learning
		SKI-1 Able to design, implement and evaluate mathematics' teaching and learning by using ICT p	problems
		<b>COM-1</b> Able to communicate idea and research result effectively orally and literally.	
		<b>COM-2</b> Able to make decision based on data/information in solving task that become students' been done.	responsibility and evaluate the work that has
		<b>SOC-1</b> Able to demonstrate scientific attitude, critical and innovative in mathematics teaching and	learning and professional task.
		<b>CLO-1</b> able to explain the principle and characteristics of Realistic Mathematics with the	types of context and its application within
	:	IEERINING PROCESS	cation approach
		<b>CLO-3</b> able to design hypothetical learning trajectory and evaluate mathematics learn approach in primary and secondary level through presentation with IT	ing with Realistic Mathematics Education
		CLO-4 able to communicate ideas and research result about Realistic Mathematics from s effectively	scientific resources by written and oral
		CLO-5 able to determine types of context related to real life related to number, algebra, r	neasurement and geometry, probability
		and statistics, calculus and combinatoric with its application in mathematics learning	ng at primary and secondary school.
		<b>CLO-6</b> able to critisize the developed mathematics learning with realistics mathematics a	approach based on its principle and
		characteristics	

			<b>Correlation Betwee</b>	n PLO and	CLO Con	textual N	/lathema	tics				
			Contextual	KNO-2	SKI-1	COM-	COM-	SOC-1				
				Γ		1	2					
			CLO-2	√	_							
			CLO-3		$\checkmark$							
			CLO-4			√						
			CLO-5				$\checkmark$					
			CLO-6					$\checkmark$	ļ			
LEARNING		This course was done by activation	ating students with severa	l strategies	such as	eksposito	ory, discu	ission, pr	esentation and group project			
STRATEGIES	•											
ASSESSMENT		Assessment contains three co	mponents such as:									
		1 Task										
		2 Mid Tost										
		3. Final lest										
		1. Task										
	:	The task was given two time	es in a semester, before m	nid test (in t	ake hom	ne task) a	nd after	mid Test	(in the presentation form)			
		Presentation was held after mid Test which consider as group task										
		<ul> <li>Every group presents hypo</li> </ul>	othetical learning trajecto	ory and wo	orksheet	with rea	listics m	athemati	cs approach with one specific			
		topic.										
		The assesment for Task was	as done to observe the ac	hievement	of progr	am learn	ning outc	ome and	course learning outcome that			

suit with the course of	Contextual Mathematics											
2. Mid Test												
Mid-Test held in 8th	meeting											
Mid-Test was held in	a classroom with its time of ir	nplementati	on 100 m	inutes ar	nd sched	uled a	s the cou	urse schedul	le			
The Mid-Test was dor	ne to observe the achievemer	t of program	n learning	g outcom	e and co	urse le	arning c	outcome tha	it suit with			
the course of Contextual	Mathematics		_	-			-					
3. Final Test												
Final Test was held af	ter 15th meeting											
Final Test was held in	16th meeting											
Final Test was done by	y submiting group project and	follow the s	chedule	of Final T	est from	Math	ematics	Department	t			
The Final T was done	to observe the achievement	of program	learning	outcome	and cou	urse lea	arning o	utcome that	t suit with th			
course of Contextual Mat	thematics											
		Assessm	en Plan									
	Contextual	KNO-2	SKI-1	COM-	COM-	SOC	1					
	Mathematics			1	2							
	CLO-1											
	CLO-2											
	CLO-3		$\checkmark$									
				√	Г							
					√	Г						
					1	1						
	Weight of Test Ability											
	<b>Contextual Mathematics</b>	KNO-2	SKI-1	COM-		VI-2	SOC-1					

			Tugas	Tugas		20%	20% 40%		20%		
			UTS			40%		60%	_0/0		+
			UAS			.070		20%	40%	40%	
			0,10	0.10				2070	1070	1070	
					The Ca	Iculatio	on of F				
						Т	UTS	UAS			
						0.					
					KNO-2	2	0.4		0.6		
						0.					
					SKI-1	4	0.6	0.2	1.2		
						0.					
					COM-1	2		0.4	0.6		
					COM-2			0.4	0.4		
						0.					
					SOC-1	2			0.2		
						1	1	1	3		
LEARNING				т	he Calcula	tion o	_				
OUTCOMES		NO	NIM								
				KNO-2	SKI-1	COM	-1 (	COM-2	SOC-1		
		1	16030174006	82.57	84.20	88.0	00	87.00	90.00		
		2	16030174054	65.29	71.20	85.0	00	84.00	87.00		
		3	17030174011	94.57	92.20	86.6	57	85.00	90.00		
		4	17030174032	81.14	83.60	89.3	33	90.00	88.00		
		5	18030174001	80.29	81.40	84.0	00	83.00	86.00		
		6	18030174002	90.86	90.80	90.6	57	90.00	92.00		
		7	18030174004	94.00	92.20	88.0	00	87.00	90.00		

 ſ							
	8	18030174006	91.71	89.40	84.00	83.00	86.00
	9	18030174008	86.00	86.80	88.67	88.00	90.00
	10	18030174012	85.43	85.80	86.67	85.00	90.00
	11	18030174015	92.57	90.80	86.67	86.00	88.00
	12	18030174016	82.57	84.40	88.67	88.00	90.00
	13	18030174018	78.29	82.20	91.33	93.00	88.00
	14	18030174019	77.43	80.20	86.67	85.00	90.00
	15	18030174020	92.57	92.00	90.67	90.00	92.00
	16	18030174021	82.00	84.60	90.67	91.00	90.00
	17	18030174034	93.71	92.80	90.67	90.00	92.00
	18	18030174035	87.29	88.20	90.33	91.00	89.00
	19	18030174036	81.00	83.00	87.67	87.00	89.00
	20	18030174037	81.00	83.80	90.33	91.00	89.00
	21	18030174038	82.57	85.00	90.67	91.00	90.00
	22	18030174040	94.29	92.80	89.33	88.00	92.00
	23	18030174041	87.43	88.00	89.33	90.00	88.00
	24	18030174044	92.00	91.20	89.33	90.00	88.00
	25	18030174045	94.00	92.40	88.67	88.00	90.00
	26	18030174046	80.57	83.20	89.33	88.00	92.00
	27	18030174047	77.29	79.60	85.00	84.00	87.00
	28	18030174068	81.43	84.20	90.67	91.00	90.00
	29	18030174069	84.00	86.20	91.33	93.00	88.00
	30	18030174070	93.71	92.40	89.33	88.00	92.00
	31	18030174071	89.29	88.00	85.00	84.00	87.00
	32	18030174072	79.71	82.20	88.00	87.00	90.00
	33	18030174073	85.57	86.20	87.67	87.00	89.00
	34	18030174075	83.43	84.40	86.67	86.00	88.00
	35	18030174078	90.86	89.60	86.67	86.00	88.00

	36	18030174079	78.71	82.20	90.33	91.00	89.00
	37	18030174082	83.86	85.00	87.67	87.00	89.00
	38	18030174083	86.29	87.80	91.33	93.00	88.00
	39	15030174087	69.29	71.00	75.00	75.00	75.00
	40	16030174004	67.86	66.00	61.67	60.00	65.00
	41	16030174013	60.71	67.00	81.67	85.00	75.00
	42	17030174054	93.57	90.00	81.67	80.00	85.00
	43	18030174022	70.57	73.20	79.33	80.00	78.00
	44	18030174024	66.43	67.00	68.33	65.00	75.00
	45	18030174025	75.00	77.00	81.67	85.00	75.00
	46	18030174026	72.14	70.00	65.00	60.00	75.00
	47	18030174027	75.00	77.00	81.67	85.00	75.00
	48	18030174028	69.29	72.00	78.33	80.00	75.00
	49	18030174030	60.71	62.00	65.00	60.00	75.00
	50	18030174031	66.43	69.00	75.00	75.00	75.00
	51	18030174032	77.86	76.00	71.67	70.00	75.00
	52	18030174033	62.00	65.20	72.67	70.00	78.00
	53	18030174048	70.00	73.00	80.00	75.00	90.00
	54	18030174050	74.29	77.00	83.33	85.00	80.00
	55	18030174051	58.57	61.00	66.67	65.00	70.00
	56	18030174052	77.00	76.20	74.33	75.00	73.00
	57	18030174055	72.14	76.00	85.00	90.00	75.00
	58	18030174057	74.14	76.20	81.00	85.00	73.00
	59	18030174058	63.57	69.00	81.67	85.00	75.00
	60	18030174059	64.86	66.20	69.33	65.00	78.00
	61	18030174060	64.86	67.20	72.67	70.00	78.00
	62	18030174061	72.14	73.00	75.00	75.00	75.00
	63	18030174064	77.86	80.00	85.00	90.00	75.00

	64	18030174065	93.57	90.00	81.67	80.00	85.00
	65	18030174067	60.71	66.00	78.33	80.00	75.00
	66	18030174084	66.43	67.00	68.33	65.00	75.00
	67	18030174085	62.86	66.00	73.33	70.00	80.00
	68	18030174087	60.71	63.00	68.33	65.00	75.00
	69	18030174089	68.57	68.00	66.67	60.00	80.00
	70	18030174090	75.00	75.00	75.00	75.00	75.00
	71	18030174093	75.00	73.00	68.33	65.00	75.00
	72	18030174096	76.29	79.20	86.00	90.00	78.00
	73	18030174097	77.86	77.00	75.00	75.00	75.00
	74	18030174098	75.00	74.00	71.67	70.00	75.00
	75	18030174100	64.86	67.20	72.67	70.00	78.00
	76	17030174060	76.43	78.40	83.00	82.00	85.00
	77	18030174003	93.71	90.80	84.00	82.00	88.00
	78	18030174007	87.86	86.00	81.67	80.00	85.00
	79	18030174009	93.57	89.60	80.33	78.00	85.00
	80	18030174010	93.57	90.80	84.33	84.00	85.00
	81	18030174013	83.86	83.20	81.67	80.00	85.00
	82	18030174017	92.29	89.60	83.33	84.00	82.00
	83	18030174029	65.00	70.40	83.00	82.00	85.00
	84	18030174042	78.00	79.20	82.00	82.00	82.00
	85	18030174043	79.14	80.00	82.00	82.00	82.00
	86	18030174054	86.57	85.20	82.00	82.00	82.00
	87	18030174056	75.14	76.80	80.67	80.00	82.00
	88	18030174062	92.29	89.20	82.00	82.00	82.00
	89	18030174066	75.14	76.80	80.67	80.00	82.00
	90	18030174074	93.57	90.00	81.67	80.00	85.00
	91	18030174076	82.14	81.60	80.33	78.00	85.00

92	18030174077	75.14	76.40	79.33	78.00	82.00
93	18030174081	94.86	90.40	80.00	76.00	88.00
94	18030174086	91.29	87.60	79.00	76.00	85.00
95	18030174088	76.43	78.40	83.00	82.00	85.00
96	18030174091	88.29	85.60	79.33	78.00	82.00
97	18030174092	93.57	89.20	79.00	76.00	85.00
98	18030174094	89.14	86.40	80.00	76.00	88.00
99	18030174095	85.43	83.60	79.33	78.00	82.00
100	18030174099	77.71	79.60	84.00	82.00	88.00
101	18030174101	94.86	91.60	84.00	82.00	88.00

# The predicate of PLO for each student

NO	NIM	KNO-				
		2	SKI-1	COM-1	COM-2	SOC-1
1	16030174006	E	E	E	E	E
2	16030174054	S	G	E	E	E
3	17030174011	E	E	E	E	E
4	17030174032	E	E	E	E	E
5	18030174001	E	E	E	E	E
6	18030174002	E	E	E	E	E
7	18030174004	E	E	E	E	E
8	18030174006	E	E	E	E	E
9	18030174008	E	E	E	E	E
10	18030174012	E	E	E	E	E
11	18030174015	E	E	E	E	E
12	18030174016	E	E	E	E	E

	13	18030174018	G	E	E	E	E	
	14	18030174019	G	E	E	E	E	
	15	18030174020	E	E	E	E	E	
	16	18030174021	E	E	E	E	E	
	17	18030174034	E	E	E	E	E	
	18	18030174035	E	E	E	E	E	
	19	18030174036	E	E	E	E	E	
	20	18030174037	E	E	E	E	E	
	21	18030174038	E	E	E	E	E	
	22	18030174040	E	E	E	E	E	
	23	18030174041	E	E	E	E	E	
	24	18030174044	E	E	E	E	E	
	25	18030174045	E	E	E	E	E	
	26	18030174046	E	E	E	E	E	
	27	18030174047	G	G	E	E	E	
	28	18030174068	E	E	E	E	E	
	29	18030174069	E	E	E	E	E	
	30	18030174070	E	E	E	E	E	
	31	18030174071	E	E	E	E	E	
	32	18030174072	G	E	E	E	E	
	33	18030174073	E	E	E	E	E	
	34	18030174075	E	E	E	E	E	
	35	18030174078	E	E	E	E	E	
	36	18030174079	G	E	E	E	E	
	37	18030174082	E	E	E	E	E	
	38	18030174083	E	E	E	E	E	
	39	15030174087	S	G	G	G	G	
	40	16030174004	S	S	S	S	S	

41	16030174013	S	S	E	E	G	
42	17030174054	E	E	E	E	E	
43	18030174022	G	G	G	E	G	
44	18030174024	S	S	S	S	G	
45	18030174025	G	G	E	E	G	
46	18030174026	G	G	S	S	G	
47	18030174027	G	G	E	E	G	
48	18030174028	S	G	G	E	G	
49	18030174030	S	S	S	S	G	
50	18030174031	S	S	G	G	G	
51	18030174032	G	G	G	G	G	
52	18030174033	S	S	G	G	G	
53	18030174048	G	G	E	G	E	
54	18030174050	G	G	E	E	E	
55	18030174051	S	S	S	S	G	
56	18030174052	G	G	G	G	G	
57	18030174055	G	G	E	E	G	
58	18030174057	G	G	E	E	G	
59	18030174058	S	S	E	E	G	
60	18030174059	S	S	S	S	G	
61	18030174060	S	S	G	G	G	
62	18030174061	G	G	G	G	G	
63	18030174064	G	E	E	E	G	
64	18030174065	E	E	E	E	E	
65	18030174067	S	S	G	E	G	
66	18030174084	S	S	S	S	G	
67	18030174085	S	S	G	G	E	
68	18030174087	S	S	S	S	G	I

69	18030174089	S	S	S	S	E	
70	18030174090	G	G	G	G	G	
71	18030174093	G	G	S	S	G	
72	18030174096	G	G	E	E	G	
73	18030174097	G	G	G	G	G	
74	18030174098	G	G	G	G	G	
75	18030174100	S	S	G	G	G	
76	17030174060	G	G	E	E	E	
77	18030174003	E	E	E	E	E	
78	18030174007	Е	E	E	E	E	
79	18030174009	E	Е	E	G	E	
80	18030174010	Е	E	E	E	E	
81	18030174013	E	Е	E	E	E	
82	18030174017	Е	E	E	E	E	
83	18030174029	S	G	E	E	E	
84	18030174042	G	G	E	E	E	
85	18030174043	G	Е	E	E	E	
86	18030174054	Е	Е	E	E	E	
87	18030174056	G	G	E	E	E	
88	18030174062	Е	Е	E	E	E	
89	18030174066	G	G	E	E	E	
90	18030174074	Е	Е	E	E	E	
91	18030174076	Е	Е	E	G	E	
92	18030174077	G	G	G	G	E	
93	18030174081	E	Е	E	G	E	
94	18030174086	E	E	G	G	E	
95	18030174088	G	G	E	E	E	
96	18030174091	Е	E	G	G	E	

			97	18030174092	Е	Е	G	G	Е		
			98	18030174094	Е	Е	E	G	Е		
			99	18030174095	E	E	G	G	E		
			100	18030174099	G	G	E	E	E		
			101	18030174101	Е	E	Е	E	E		
		E = Excellent G = Good S = Satisfy F = Fail									
LEARNING						PLO As	sessment	Rubric			
OUTCOMES		PLO	Description	Excellent			Good			Satisfy	Fail
ANALYSIS						<b>a</b> . <b>b</b>		-			
	:	KNO-2	Able to demonstrate pedagogical knowledge in designing, implementin g and evaluating Mathematics ' learning	Students be able determine the characteristics a principle of Real Mathematics Education within situational prob with score at lea 80.	e to and listic n lems ast	Students determin characte principle Mathem within si problem least 70	s be able the rristics an of Realis atics Edu tuational s with sco and less t	to d tic cation ore at than 80.	Students determin characte principle Mathem within si problem least 55 70.	s be able to ne the eristics and e of Realistic natics Education tuational is with score at and less than	Students be able to determine the characteristics and principle of Realistic Mathematics Education within situational problems with score less than 55.
		SKI-1	Able to design, implement and evaluate mathematics' teaching and learning by using ICT	able to design, model and evalu the learning trajectory with Realistic Mathematics Education appro	uate bach	able to c and eval trajector Mathem approac least 70 80	lesign, m uate the ry with Re atics Edu h with sco and less t	odel learning ealistic cation ore at chan	able to c and eval learning Realistic Educatic with sco and less	lesign, model uate the trajectory with Mathematics on approach re at least 55 than 70	able to design, model and evaluate the learning trajectory with Realistic Mathematics Education approach with score less than 55.

COM-1	Able to communicat e idea and research result effectively orally and literally.	with score at least 80. Able to communicate an analysis for hypothetical learning trajectory from scientific reference with score	Able to communicate an analysis for hypothetical learning trajectory from scientific reference with score at least 70 and less than 80	Able to communicate an analysis for hypothetical learning trajectory from scientific reference with score at least 55 and less than 70	Able to communicate an analysis for hypothetical learning trajectory from scientific reference with score less than 55
COM-2	Able to make decision based on data/informa tion in solving task that become students' responsibility and evaluate the work that has been done.	Able to make decision on the learning trajectory of specific mathematics topics and situation with score at least 80	Able to make decision on the learning trajectory of specific mathematics topics and situation with score at least 70 and less than 80	Able to make decision on the learning trajectory of specific mathematics topics and situation with score at least 55 and less than 70	Able to make decision on the learning trajectory of specific mathematics topics and situation with score less than 55
SOC-1	Able to demonstrate scientific attitude, critical and innovative in mathematics teaching and learning and	Able to critisize the given task within textbook related to context as well its used in mathematics teaching with score at least 80	Able to critisize the given task within textbook related to context as well its used in mathematics teaching with score at least 70 and less than 80	Able to critisize the given task within textbook related to context as well its used in mathematics teaching with score at least 55 and less than 70	Able to critisize the given task within textbook related to context as well its used in mathematics teaching with score less than 55

			professiona task.	Ι							
	1										
					CL	ASSICAL	VALUE OF P	LO			
,			KNO-2		SKI-1		COM-1	COM-2		SOC-1	
	Max		94.86		92.80		91.33	93.00		92.00	
	Rat		79.93		80.49		81.77	81.02		83.27	
	Min		58.57		61.00		61.67	60.00		65.00	
					ACHIE	VEMEN	T NUMBER O	OF PLO			
	E		51.00		57.00		71.00	69.00		70.00	
	G		30.00		28.00		20.00	22.00		30.00	
	S		20.00		16.00		10.00	10.00		1.00	
	F		0.00		0.00		0.00	0.00		0.00	
		0.00	101.00	0.00	101.00	0.00	101.00	101.00	0.00	101.00	0.00
	L						·				•
	I				ACHIEVEN	<b>VENT PE</b>	RCENTAGE (	OF PLO (%)			
	E		50.50		56.44		70.30	68.32		69.31	
	G		29.70		27.72		19.80	21.78		29.70	
	S		19.80		15.84		9.90	9.90		0.99	
	F		0.00		0.00		0.00	0.00		0.00	
		0.00	100.00	0.00	100.00	0.00	100.00	100.00	0.00	100.00	0.00
	L	1						1		1	



RECOMMENDATIO		There are several recommendation for better course in the future
N FOR FUTURE		1. Motivate students to understand the principle and characteristics of Realistic Mathematics Education with some strategies
LEARNING	:	and make sure every students communicate their understanding with their peers every time
		2. There is a need for more restricted rules for students who re take this course in the same class as they are.
RECOMMEDATION		Recommendation for institution is by giving more chance for lecturer to develop more online learning materials for students to
FOR INSTITUTION	•	learn independently.





#### UJIAN TENGAH SEMESTER GASAL TAHUN 2019/2020

Mata Kuliah	-	Matematika Kontekstual	
Dosen	-	Rooselyna Ekawati, Ph.D	
		Ahmad Wachidul Kohar, M.Pd.	
Kelas	1	Pendidikan Matematika / 2018A	
Hari, Tanggal	- 2	Kamis, 10 Oktober 2019	
Waktu	5	100 menit	
Tipe	-	Tertutup	

#### Jawablah semua soal berikut ini dengan menyertakan uraian yang jelas.

1. Perhatikan ilustrasi berikut ini



"Pak Dilan mengembangkan desain pembelajaran volume balok dan kubus dengan ilustrasi berikut. Ia memperkenalkan materi volume balok dan kubus dengan membawa kardus berukuran 60 cm x 50 cm x 20 cm dan 6 kotak kue kecil, yaitu 20 cm x 15 cm x 10 cm. Lalu, ia membentuk kelompok yang terdiri dari 3 siswa, kemudian meminta siawa untuk mendiskusikan jumlah kotak kue yang diperlukan agar kotak kardus tersebut penuh dengan kotak kue tersebut. Setelah bekerja dalam kelompok, Pak Dilan mengadakan diskusi kelas untuk mendiskusikan bagaimana banyak kotak kue yang dibutuhkan lagi. Pada akhimya, Pak Dilan membawa hasil diskusi tersebut ke dalam konsep volume kubus dan balok, di mana itu dapat diterunkan dengan mengalikan ukuran panjang, lebar dan tinggi balok atau kubus."

mempresentasikan cara menentukan banyak kota

Jelaskan lima karakteristik Pendidikan Matematika Realistik (PMR) yang dilustrasikan dalam desain pembelajaran di atas

 a. Berikut ini adalah informasi tentang Suroboyo Bus: desain tempat duduk bus dan bagaimana cara mendapatkan tiket.





kontekstual yang berbeda, masing masing memiliki level konteks zero-order, first-order and second-order of context use berdasarkan informasi di atas. a

www.unesa.ac.id | "Growing with character"

1



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI UNIVERSITAS NEGERI SURABAYA FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM JURUSAN MATEMATIKA



b. Dengan menggunakan soal matematika kontekstual tipe second-order use of context yang Anda susun di soal 2a, desainlah sebuah urutan pembelajaran yang dapat digunakan untuk mengajarkan topik matematika tertentu di tingkat sekolah menengah pertama.

 Ice berg berikut menggambarkan pembelajaran tentang hubungan kecepatan, jarak, dan waktu di tingkat sekolah dasar.



Jelaskan tiga prinsip Pendidikan Matematika Realistik yang diilustrasikan dalam iceberg di atas.



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI UNIVERSITAS NEGERI SURABAYA FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM JURUSAN MATEMATIKA



### UJIAN AKHIR SEMESTER GASAL TAHUN 2019/2020

Mata Kuliah	:	Matematika Kontekstual
Dosen	:	Rooselyna Ekawati, Ph.D
		Prof. Dr. Siti M Amin, M.Pd.
		Ahmad Wachidul Kohar, M.Pd.
Kelas	:	Pendidikan Matematika / 2018U/A/C
Hari, Tanggal	:	Kamis, 26 Desember 2019
Waktu	:	100 menit
Tipe	:	Tertutup

### Jawablah semua soal berikut ini dengan menyertakan uraian yang jelas.

- Pilihlah sebuah materi/topik dalam matematika di sekolah dasar atau menengah, lalu berikan analisis tentang kajian lintasan belajar dari referensi buku atau artikel jurnal ilmiah pada topik tersebut.
- Susunlah sebuah lintasan belajar yang bercirikan pembelajaran matematika realistik pada topik yang telah Anda pilih. Berikan desain lintasan belajar Anda dengan menggunakan format sebagai berikut.

Topik	matematika :		
No	Tujuan matematika	Aktivitas siswa	Deskripsi Aktivitas
1	2		
2			
3			
4			
5			

- Susunlah Lembar Kerja Peserta Didik (LKPD) untuk masing-masing langkah pembelajaran pada lintasan belajar yang telah Anda susun dengan memperhatikan pemilihan konteks yang dapat digunakan siswa untuk melakukan matematisasi horizontal dan matematisasi vertikal.
- Tuliskan lintasan belajar dan LKPD Anda dalam bentuk file untuk diunggah dalam vinesa (elearning Unesa) untuk kemudian didiskusikan dalam media e-learning tersebut dengan dosen dan teman sejawat