

UNIT 1 *Mathematical Diagrams*

Lesson Plans



These are based on 45/50 minute lessons.

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Mileage Charts 1	
	Introduction	OS 1.1
	Exercises	PB 1.1, Q1
	Review answers	
	Interactive exercises	PB 1.1, Q2 and Q3
	Exercises	PB 1.1, Q4
	Review answers	
	Set homework	PB 1.1, Q5 and Q6
2.	Mileage Charts 2	
	Discuss homework	
	Constructing chart	OS 1.2
	Exercises	PB 1.1, Q7
	Review answers	
	Exercises	PB 1.1, Q8
	Review answers	
	Set homework	PB 1.1, Q9 or Activity 1.1
3.	Using Flow Charts	
	Discuss homework	
	Instruction boxes	OS 1.3
	Decision boxes	OS 1.3
	Exercises	PB 1.2, Q1
	Review answers	
	Interactive example	OS 1.4
	Exercises	PB 1.2, Q3
	Set homework	Complete PB 1.2, Q3 or PB 1.2, Q4
4.	Flow Charts for Classification	
	Discuss homework	
	Review types of angles	
	Construct classification flow chart	OS 1.5
	Exercises	PB 1.3, Q1
	Activity	Activity 1.3
	Review answers	
	Set homework	PB 1.3, Q6

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5.	Networks Discuss homework Introduction Exercises Review answers Exercises Review answers Mental Test Review answers Set homework	OS 1.7 (A) PB 1.4, Q2 PB 1.4, Q1 M 1.1 PB 1.4, Q3
6.	Revision Test Discuss homework Revision Test	RT 1.1
7.	Recap Give back marked tests Go over test questions interactively Revise topics	

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1.	Mileage Charts	
	Introduction	OS 1.1
	Exercises	PB 1.1, Q1, Q2 and Q3
	Review answers	
	Constructing charts	OS 1.2
	Exercises	PB 1.1, Q8
	Review answers	
	Set homework	PB 1.1, Q4, Q5, Q6 and Q9
2.	Using Flow Charts	
	Discuss homework	
	Instruction boxes	OS 1.3
	Decision boxes	OS 1.3
	Exercises	PB 1.2, Q1
	Review answers	
	Interactive example	OS 1.4
	Exercises	PB 1.2, Q3
	Set homework	PB 1.2, Q4 and Q5 or Activity 1.2
3.	Flow Charts for Classification 1	
	Discuss homework	
	Review types of angles	
	Construct classification flow chart	OS 1.5
	Exercises	PB 1.3, Q1
	Activity	Activity 1.3
	Review answers	
	Set homework	PB 1.3, Q6
4.	Flow Charts for Clasification 2	
	Discuss homework	
	Classification of quadrilaterals	OS 1.6
	Exercises	PB 1.3, Q2
	Review answers	
	Exercises	PB 1.3, Q7
	Review answers	
	Set homework	PB 1.3, Q8 and Q9

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5.	Networks Discuss homework Introduction Exercises Review answers Exercises Review answers Mental Test Review answers Set homework	OS 1.7 (A) and (B) PB 1.4, Q2 PB 1.4, Q1 M 1.2 PB 1.4, Q3 and Q4
6.	Revision Test Discuss homework Revision Test	RT 1.2
7.	Recap Give back marked tests Go over test questions interactively Revise topics	

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Lesson Plans

E

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Mileage Charts	
	Introduction	OS 1.1
	Exercises	PB 1.1, Q1, Q2 and Q3
	Review answers	
	Constructing charts	OS 1.2
	Exercises	PB 1.1, Q8
	Review answers	
2.	Using Flow Charts	
	Discuss homework	
	Instruction boxes	OS 1.3
	Decision boxes	OS 1.3
	Exercises	PB 1.2, Q1
	Review answers	
	Interactive example	OS 1.4
3.	Flow Charts for Classification	
	Discuss homework	
	Classification of quadrilaterals	OS 1.6
	Exercises	PB 1.3, Q2
	Review answers	
	Exercises	PB 1.3, Q6
	Review answers	
4.	Networks	
	Discuss homework	
	Introduction	OS 1.7 (A) and (B)
	Exercises	PB 1.4, Q2
	Review answers	
	Exercises	PB 1.4, Q1
	Review answers	
5.	Mental Test	
	Mental Test	M 1.3
	Review answers	
	Set homework	PB 1.4, Q3 and Q4

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Lesson Plans**E**

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Critical Path Analysis Discuss homework Introducing ideas Exercises Review answers Another interactive example Exercises Review answers Set homework	OS 1.8 PB 1.5, Q1 OS 1.9 PB 1.5, Q3 PB 1.5, Q2 and Q4 or Activity 1.4
6.	Revision Test Discuss homework Revision Test	RT 1.3
7.	Recap Give back marked tests Go over test questions interactively Revise topics	
