

UNIT 1 *Logic* Lesson Plans

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These are based on 45/50 minute lessons.

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Logic Puzzles 1	
	Introducing interactive example	OS 1.1
	Practice	PB 1.1, Q1
	Discuss solution to Q1	
	Practice	PB 1.1, Q2 and Q4
	Discuss solutions to Q2 and Q4	
	Set homework	PB 1.1, Q3 and Q6
2.	Logic Puzzles 2	
	Mental Practice – basic arithmetic	
	Discuss homework, particularly Q6	OS 1.3
	Practice	PB 1.1, Q7
	Discuss solution to Q7	
	Practice	PB 1.1, Q8 and Q9
	Discuss solutions and introduce Q10	
	Set homework	PB 1.1, Q10
3.	Two Way Tables 1	
	Discuss homework	
	Practical whole class activity	Activity 1.1
	Introductory worked example	OS 1.4
	Practice	PB 1.2, Q1
	Discuss solution to Q1	
	Practice	PB 1.2, Q3
Discuss solution to Q3		
	Set homework	PB 1.2, Q4
4.	Two Way Tables 2	
	Mental Practice – basic arithmetic	
	Discuss homework	
	Practical activity	Activity 1.2
	Practice	PB 1.2, Q5
	Discuss solution to Q5	
Practice	PB 1.2, Q8	
	Set homework	PB 1.2, Q7

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Sets and Venn Diagrams	
	Mental Test	M1.1 (Standard)
	Discuss answers	
	Introduce sets and Venn diagrams	OS 1.7 and OS 1.8
	Activity	OS 1.9 (or Activity 1.3)
	Set homework	PB 1.3, Q3
6.	Recap	
	Discuss homework	
	Introduce union and intersection	OS 1.10
	Revision Test	RT 1.1 (Standard)
7.	Revision	
	Give back marked tests	
	Go over test questions	
	Revise topics	

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Logic Puzzles	
	Introductory interactive example	OS 1.1
	Practice	PB 1.1, Q1
	Discuss solution to Q1	
	Practice	PB 1.1, Q3 or Q6
	Discuss solutions	
	Set homework	PB 1.1, Q2 and Q10
2.	Two Way Tables 1	
	Discuss homework	
	Practical whole class activity	Activity 1.1
	Introductory worked example	OS 1.4
	Practice	PB 1.2, Q1
	Discuss solution to Q1	
	Practice	PB 1.2, Q3
	Discuss solution to Q3	
	Set homework	PB 1.2, Q4
3.	Two Way Tables 2	
	Mental practice – basic arithmetic	
	Discuss homework	
	Practical activity	Activity 1.2
	Practice	PB 1.2, Q5
	Discuss solution to Q5	
	Practice	PB 1.2, Q8
	Set homework	PB 1.2, Q7
4.	Sets and Venn Diagrams 1	
	Mental practice – basic arithmetic	
	Discuss homework	
	Introduce sets and Venn diagrams (including union and intersection)	OS 1.7, OS 1.8 and OS 1.10
	Class activity	Activity 1.3
	Practice	PB 1.3, Q2
	Discuss solution to Q2	
	Set homework	PB 1.3, Q3 and Q5

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Sets and Venn Diagrams 2 Discuss homework Mental Test Activity Practice Discuss solution to Q7 Set homework	M1.2 (Academic) Activity 1.4 PB 1.3, Q7 PB 1.3, Q8 and Q10
6.	Recap Discuss homework Revision Test	RT 1.2 (Academic)
7.	Revision Give back marked tests Give out test questions Revise topics	

UNIT 1 *Logic* Lesson Plans

E

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Logic Puzzles	
	Introductory interactive example	OS 1.1
	Practice	PB 1.1, Q1
	Discuss solution to Q1	
	Practice	PB 1.1, Q3 or Q6
	Discuss solutions	
	Set homework	PB 1.1, Q2 and Q10
2.	Two Way Tables	
	Discuss homework	
	Practical activity	Activity 1.2
	Introductory worked example	OS 1.4
	Practice	PB 1.2, Q5
	Discuss solution to Q5	
	Practice	PB 1.2, Q8
	Discuss solution to Q8	
	Set homework	PB 1.2, Q4 and Q7
3.	Sets and Venn Diagrams 1	
	Mental practice – basic arithmetic	
	Discuss homework	
	Introduce sets and Venn diagrams (including union and intersection)	OS 1.7, OS 1.8 and OS 1.10
	Class activity	Activity 1.3
	Practice	PB 1.3, Q2
	Discuss solution to Q2	
	Set homework	PB 1.3, Q3 and Q5
4.	Sets and Venn Diagrams 2	
	Discuss homework	
	Mental Test	M1.2 (Academic)
	Activity	Activity 1.4
	Practice	PB 1.3, Q7
	Discuss solution to Q7	
	Set homework	PB 1.3, Q8 and Q10

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Set Notation (Optional) Introduction (interactive) Practice Discuss solution to Q2 Identifying regions in Venn diagrams Practice Discuss solution to Q8 Practice Discuss solution to Q9 Set homework	OS 1.12 and OS 1.13 PB 1.4, Q2 OS 1.14 and OS 1.15 PB 1.4, Q8 PB 1.4, Q9 PB 1.4, Q9 and Q10
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6.	Logic Problems and Venn Diagrams Introductory interactive activity Practice Discuss solution to Q3 Mental Test Activity Discuss solutions Set homework	OS 1.16 PB 1.5, Q3 M1.3 (Express) Activity 1.5 PB 1.5, Q9 or Activity 1.6
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7.	Recap Discuss homework Revision Test	RT 1.3 (Express)
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8.	Revision Give back marked tests Give out test questions Revise topics	
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