

UNIT 10 *Sequences*

## Lesson Plans

**St***These are based on 45/50 minute lessons.*

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Sequences with Constant Differences</b>	
	Introduction	OS 10.1
	Exercises	PB 10.1, Q1
	Review interactively	
	Exercises	PB 10.1, Q2
	Review interactively	
	Formula for General Term	OS 10.2
	Exercises	PB 10.1, Q3
	Review answers	
	Exercises	PB 10.1, Q11
	Review answers	
	Set homework	PB 10.1, Q5 and Q13
<b>2.</b>	<b>Finding the Formula</b>	
	Discuss homework	
	Introduction - interactively	OS 10.3
	Exercises	PB 10.2, Q1
	Review answers	
	Exercises	PB 10.2, Q3
	Review answers	
	Mental Test	M 10.1
	Review answers	
	Set homework	PB 10.2, Q2 and Q11
<b>3.</b>	<b>Revision Test</b>	
	Discuss homework	
	Revision Test	RT 10.1
<b>4.</b>	<b>Recap</b>	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	

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<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>1.</b>	<b>Sequences with Constant Differences</b>	
	Introduction	OS 10.1
	Exercises - interactively	PB 10.1, Q1 and Q2
	Formula for General Term	OS 10.2
	Exercises	PB 10.1, Q5
	Review answers	
	Exercises	PB 10.1, Q11
	Review answers	
	Exercises	PB 10.1, Q10
	Review answers	
	Set homework	PB 10.1, Q8 and Q12
<b>2.</b>	<b>Finding the Formula</b>	
	Discuss homework	
	Introduction - interactively	OS 10.3
	Exercises	PB 10.2, Q2
	Review answers	
	Exercises	PB 10.2, Q4
	Review answers	
	Activity	Activity 10.2
	Set homework	PB 10.2, Q10 and Q11
<b>3.</b>	<b>Second Differences and Quadratic Sequences</b>	
	Discuss homework	
	Introduction	OS 10.4a
	Exercises	PB 10.3, Q1
	Review answers	
	Exercises	PB 10.3, Q3
	Review answers	
	Exercises	PB 10.3, Q5
	Review answers	
	Set homework	PB 10.3, Q6 and Q11

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## Lesson Plans

A

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>4.</b>	<b>Special Sequences</b>	
	Discuss homework	
	Introduction	OS 10.5
	Exercises - interactively	PB 10.4, Q1
	Exercises	PB 10.4, Q2
	Review answers	
	Limit of sequence	OS 10.6
	Exercises	PB 10.4, Q8
	Review answers	
	Mental Test	M 10.2
	Review answers	
	Set homework	PB 10.4, Q12 or Activity 10.1
<b>5.</b>	<b>Revision Test</b>	
	Discuss homework	
	Revision Test	RT 10.2
<b>6.</b>	<b>Recap</b>	
	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>
<b>1.</b>	<b>Sequences with Constant Differences</b>	
	Introduction	OS 10.1
	Exercises - interactively	PB 10.1, Q1 and Q2
	Formula for General Term	OS 10.2
	Exercises	PB 10.1, Q5
	Review answers	
	Exercises	PB 10.1, Q11
	Review answers	
	Exercises	PB 10.1, Q10
	Review answers	
	Set homework	PB 10.1, Q8 and Q12
<b>2.</b>	<b>Finding the Formula</b>	
	Discuss homework	
	Introduction - interactively	OS 10.3
	Exercises	PB 10.2, Q2
	Review answers	
	Exercises	PB 10.2, Q4
	Review answers	
	Activity	Activity 10.2
	Set homework	PB 10.2, Q10 and Q11
<b>3.</b>	<b>Second Differences and Quadratic Sequences</b>	
	Discuss homework	
	Introduction	OS 10.4a
	Exercises	PB 10.3, Q1
	Review answers	
	Exercises	PB 10.3, Q3
	Review answers	
	Exercises	PB 10.3, Q5
	Review answers	
	Set homework	PB 10.3, Q6 and Q11

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## Lesson Plans

**E**

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
<b>4.</b>	<b>Special Sequences</b>	
	Discuss homework	
	Introduction	OS 10.5
	Exercises - interactively	PB 10.4, Q1
	Exercises	PB 10.4, Q5
	Review answers	
	Limit of sequences	OS 10.6
	Exercises	PB 10.4, Q8
	Review answers	
	Mental Test	M 10.3
	Review answers	
	Activity	Activity 10.3
	Set homework	Complete Activity 10.3 or PB 10.4, Q12
<b>5.</b>	<b>Revision Test</b>	
	Discuss homework	
	Revision Test	RT 10.3
<b>6.</b>	<b>Recap</b>	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	