

UNIT 12 *Formulae*

Lesson Plans

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

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Simple Substitutions	
	Introduction	OS 12.1 (A)
	Exercises	PB 12.1, Q1
	Review answers	
	Interactive examples	OS 12.2 (B)
	Exercises	PB 12.1, Q3
	Review answers	
	Exercises	PB 12.1, Q4
	Review answers	
	Set homework	PB 12.1, Q2 and Q7
2.	Substitutions	
	Discuss homework	
	Introduction to B O D M A S	OS 12.2
	Exercises	PB 12.2, Q6
	Review answers	
	Formulae with negative numbers	OS 12.3
	Exercises	PB 12.2, Q1
	Review answers	
	Set homework	PB 12.2, Q3 or Activity 12.1
3.	Simple Linear Equations	
	Discuss homework	
	Introduction	OS 12.4
	Exercises	PB 12.3, Q1
	Review answers	
	Interactive game	Activity 12.3
	Exercises	PB 12.3, Q2
	Review answers	
	Set homework	PB 12.3, Q4
4.	Linear Equations	
	Discuss homework	
	Introduction	OS 12.5
	Exercises	PB 12.4, Q1 (a) - (f)
	Review answers	
	Mental Test	M12.1
	Review answers	
	Exercises - interactively	PB 12.4, Q2 (a) - (c)
	Set homework	PB 12.3, Q3 or PB 12.4, Q1 (g) - (l)

UNIT 12 *Formulae*

Lesson Plans

St

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Revision Test Discuss homework Revision Test	RT 12.1
6.	Recap Give back marked tests Go over test questions interactively Revise topics	

UNIT 12 *Formulae*

Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Simple Substitutions	
	Introduction	OS 12.1 (A)
	Exercises	PB 12.1, Q1
	Review answers	
	Interactive examples	OS 12.2 (B)
	Exercises	PB 12.1, Q3
	Review answers	
	Exercises	PB 12.1, Q4
	Review answers	
	Set homework	PB 12.1, Q2 and Q7
2.	Substitutions	
	Discuss homework	
	Introduction to B O D M A S	OS 12.2
	Exercises	PB 12.2, Q6
	Review answers	
	Activity	Activity 12.1
	Formulae with negative numbers	OS 12.3
	Exercises	PB 12.2, Q1
	Review answers	
	Set homework	PB 12.2, Q3 or Activity 12.2
3.	Simple Linear Equations	
	Discuss homework	
	Introduction	OS 12.4
	Exercises	PB 12.3, Q1
	Review answers	
	Activity	Activity 12.4
	Exercises	PB 12.3, Q2
	Review answers	
	Set homework	PB 12.3, Q3 and Q4
4.	Linear Equations	
	Discuss homework	
	Introduction	OS 12.5
	Exercises	PB 12.4, Q1 (d) - (f)
	Review answers	
	Exercises - interactively	PB 12.4, Q2
	Set homework	PB 12.4, Q3 and 7

UNIT 12 *Formulae*

Lesson Plans



<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Changing the Subject of a Formula	
	Discuss homework	
	Introduction	OS 12.8
	Exercises - interactive	PB 12.5, Q1
	Exercises	PB 12.5, Q3
	Review answers	
	Exercises	PB 12.5, Q4
	Review answers	
	Mental Test	M12.2
	Review answers	
	Set homework	PB 12.5, Q5 and Q6
6.	Revision Test	
	Discuss homework	
	Revision Test	RT 12.2
7.	Recap	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	

UNIT 12 *Formulae*

Lesson Plans

E

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
1.	Substitutions	
	Discuss homework	
	Introduction to B O D M A S	OS 12.2
	Exercises	PB 12.2, Q6
	Review answers	
	Activity	Activity 12.1
	Formulae with negative numbers	OS 12.3
	Exercises	PB 12.2, Q1
	Review answers	
	Set homework	PB 12.2, Q3 or Activity 12.2
2.	Simple Linear Equations	
	Discuss homework	
	Introduction	OS 12.4
	Exercises	PB 12.3, Q1
	Review answers	
	Activity	Activity 12.4
	Exercises	PB 12.3, Q2
	Review answers	
	Set homework	PB 12.3, Q3 and Q4
3.	Linear Equations	
	Discuss homework	
	Introduction	OS 12.5
	Exercises	PB 12.4, Q1 (a) - (f)
	Review answers	
	Exercises - interactively	PB 12.4, Q2
	Set homework	PB 12.4, Q3 and 7
4.	Non-Linear Equations	
	Discuss homework	
	Introduction	OS 12.6
	Exercises ($x^3 = 200$)	
	Review answers	
	Another example	OS 12.7
	Exercises	PB 12.4, Q1 (c)
	Review answers	
	Exercises	PB 12.4, Q2
	Review answers	
	Set homework	PB 12.4, Q3 or Activity 12.5

UNIT 12 *Formulae*

Lesson Plans

E

<i>Lesson No.</i>	<i>Suggested Plan</i>	<i>References</i>
5.	Changing the Subject of a Formula	
	Discuss homework	
	Introduction	OS 12.8
	Exercises - interactive	PB 12.5, Q1
	Exercises	PB 12.5, Q3
	Review answers	
	Exercises	PB 12.5, Q4
	review answers	
	Mental Test	M12.3
	Review answers	
	Set homework	PB 12.5, Q5 and Q6
6.	Revision Test	
	Discuss homework	
	Revision Test	RT 12.3
7.	Recap	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	