

These are based on 45/50 minute lessons.

Lesson No.	Suggested Plan	Reference
1.	Basic Algebra 1	
	Using codewheels	OS 16.1
	Evaluating expressions – worked example	PB 16.1
	Exercises	PB 16.1, Q4
	Review answers	
	Set homework	Activity 16.1
2.	Basic Algebra 2	
	Discuss homework	
	Evaluating expressions	PB 16.1, Q5
	Review answers	
	Simplifying expressions – interactive	OS 16.2
	Set homework	PB 16.1, Q6
3.	Basic Algebra 3	
	Discuss homework	
	Exercises	PB 16.1, Q9
	Review answers	
	Formulae	OS 16.3
	Set homework	Complete PB 16.1, Q9 or PB 16.1, Q10
4.	Function Machines	
	Introduction – interactive	OS 16.4, Q1
	Exercises	PB 16.2, Q1
	Review answers	
	Reverse problems	OS 16.4, Q2
	Exercises	PB 16.2, Q3
	Review answers	
	Set homework	PB 16.2, Q2
5.	Balancing Equations	
	Discuss homework	
	Introduction – interactive	OS 16.5
	Solving equations – introduction	OS 16.6
	Exercises – interactive	PB 16.3, Q1
	Set homework	Complete PB 16.3, Q1

MEP: Demonstration Project Y7B, Unit 16



Lesson No.	Suggested Plan	References
6.	Solving Equations	
	Review homework	
	Think of a number	OS 16.8
	Exercises	PB 16.3, Q5
	Review answers	
	Mental Test	M 16.1
	Set homework	
7.	Revision Test	
	Discuss homework	
	Revision Test	R 16.1
8.	Recap	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	



Evaluating expressions – worked example Exercises PB 1 Review answers Exercises PB 1 Review answers Set homework PB 1 2. Basic Algebra 2 Discuss homework Simplifying expressions – interactive Exercises PB 1 Review answers Formulae CSet homework Set homework PB 16 3. Function Machines Introduction – interactive OS 1 Exercises PB 1 Review answers Re	S 16.1 B 16.1 5.1, Q4 5.1, Q5 5.1, Q6 S 16.2 5.1, Q9
Evaluating expressions – worked example Exercises Review answers Exercises Review answers Set homework PB 1 2. Basic Algebra 2 Discuss homework Simplifying expressions – interactive Exercises PB 1 Review answers Formulae Set homework PB 16 3. Function Machines Introduction – interactive Exercises Review answers Review answers Review answers Formulae Set homework PB 16 4. Balancing Equations Discuss homework Introduction – interactive Solving equations Exercises – interactive Solving equations Exercises – interactive Solving equations Exercises – interactive PB 1	B 16.1 5.1, Q4 5.1, Q5 5.1, Q6
Exercises PB 1 Review answers Exercises PB 1 Review answers Set homework PB 1 2. Basic Algebra 2 Discuss homework Simplifying expressions – interactive Exercises PB 1 Review answers Formulae CSet homework Set homework PB 16 3. Function Machines Introduction – interactive OS 1 Exercises PB 1 Review answers Review answe	5.1, Q4 5.1, Q5 5.1, Q6 S 16.2
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Review answers Set homework PB 16.2, Q1 4. Balancing Equations Discuss homework Introduction – interactive Solving equations Exercises – interactive PB 1	5.4, Q2
Set homework PB 16.2, Q1 4. Balancing Equations Discuss homework Introduction – interactive Solving equations Exercises – interactive PB 1	5.2, Q3
4. Balancing Equations Discuss homework Introduction – interactive Solving equations Exercises – interactive PB 1	
Discuss homework Introduction – interactive Solving equations Exercises – interactive PB 1	and Q2
Introduction – interactive Solving equations Exercises – interactive PB 1	
Solving equations Exercises – interactive PB 1	
Exercises – interactive PB 1	S 16.5
	S 16.6
G 1 DD 1	5.3, Q1
Set homework Complete PB 1	i.3, Q1
5. Solving Equations 1	
Discuss homework	
Introduction	
Exercises – interactive PB 16.3, Q4	S 16.6
Think of a number	
Exercises PB 1	
Review answers	and Q5
Set homework PB 16.3, Q4	and Q5 S 16.8



Lesson No.	Suggested Plan	References
6.	Solving Equations 2	
	Discuss homework	
	More complex equations	OS 16.7
	Exercises – interactive	PB 16.3, Q2
	Activity	Activity 16.3
	Mental Test	M 16.2
	Review answers	
	Set homework	PB 16.3, Q8
7.	Revision Test	
	Discuss homework	
	Revision Test	R 16.2
8.	Recap	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	



1. Basic Algebra 1 Using codewheels Evaluating expressions – worked example Exercises Review answers Exercises PB 16.1, Q4 Review answers Exercises PB 16.1, Q5 Review answers Set homework PB 16.1, Q6 2. Basic Algebra 2 Discuss homework Simplifying expressions – interactive Exercises PB 16.1, Q6 2. Basic Algebra 2 Discuss homework Simplifying expressions – interactive Exercises PB 16.1, Q10 3. Function Machines Introduction – interactive Exercises Review answers Reverse problems Review answers Reverse problems Review answers Set homework PB 16.2, Q1 Review answers Reverse problems PB 16.2, Q3 Review answers Set homework PB 16.3, Q1 and Q2 4. Balancing Equations Discuss homework Introduction – interactive Solving equations Discuss homework Introduction – interactive PB 16.3, Q1 Set homework PB 16.3, Q1 Set homework Introduction OS 16.6 Exercises – interactive PB 16.3, Q1 Set homework Introduction OS 16.6 Exercises – interactive PB 16.3, Q4 and Q5 Think of a number OS 16.8 Exercises – PB 16.3, Q7 Review answers Set homework PB 16.3, Q4 and Q5 Think of a number OS 16.8 Exercises PB 16.3, Q7 Review answers Set homework PB 16.3, Q4 and Q6	Lesson No.	Suggested Plan	References
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Formulae OS 16.3 Set homework PB 16.1, Q10 3. Function Machines Introduction – interactive OS 16.4, Q1 Exercises PB 16.2, Q1 Review answers Reverse problems OS 16.4, Q2 Exercises PB 16.2, Q3 Review answers Set homework PB 16.2, Q1 and Q2 4. Balancing Equations Discuss homework Introduction – interactive OS 16.5 Solving equations Exercises – interactive PB 16.3, Q1 Set homework Complete PB 16.3, Q1 5. Solving Equations 1 Discuss homework Introduction OS 16.6 Exercises – interactive PB 16.3, Q1 Figure PB 16.3, Q4 and Q5 Think of a number OS 16.8 Exercises PB 16.3, Q7 Review answers		Exercises	PB 16.1, Q9
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Think of a number Exercises Review answers OS 16.8 PB 16.3, Q7		Introduction	OS 16.6
Exercises PB 16.3, Q7 Review answers		Exercises – interactive	PB 16.3, Q4 and Q5
Review answers		Think of a number	OS 16.8
		Exercises	PB 16.3, Q7
Set homework PB 16.3, Q4 and Q6		Review answers	
		Set homework	PB 16.3, Q4 and Q6



Lesson No.	Suggested Plan	References
6.	Solving Equations 2	
	Discuss homework	
	More complex equations	OS 16.7
	Exercises – interactive	PB 16.3, Q2
	Activity	Activity 16.3
	Mental Test	M 16.3
	Review answers	
	Set homework	PB 16.3, Q8
7.	Revision Test	
	Discuss homework	
	Revision Test	R 16.3
8.	Recap	
	Give back marked tests	
	Go over test questions interactively	
	Revise topics	