

UNIT 6 *Number System*

Lesson Plans

St

<i>Lesson No.</i>		<i>References</i>
1	Decimals	
	Revision of topic	OS6.1
	Exercises	T6.1
	Activity to reinforce addition/subtraction	A6.1 or A6.2
	Homework	P6.1 (Q. 9, 10, 11)
2	Multiplying and Dividing	
	Revise method	T6.2
	Activity to reinforce method	OS6.2 and OS6.3
	Exercises	T6.2
	Homework	P6.2 (Q.4 and 6)
3	Fractions and Decimals	
	Revise equivalence	OS6.4
	Exercises	T6.3
	Possible activity (in pairs)	A6.3
	Homework	P6.3 (Q.6)
4	Long Multiplication and Division	
	Mental test	M6.1
	Worked examples	T6.4
	Exercises	T6.4
	Homework	P6.4
5	Estimating Answers	
	Worked examples	T6.5
	Activity – whole class	A6.4
	Exercises	T6.5
	Homework	P6.5 (Q.9 and 10)
6	Brackets in Calculations	
	Basic ideas on order of calculations	OS6.5
	Activity – equivalent expressions	OS6.6
	Exercises	T6.6
	Homework	P6.6 (Q.1 and 2)

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7	Revision of Unit	
	Mental Test	M6.2
	Significant figures	OS6.7
	Decimal places	OS6.8
	Memory button on calculator	T6.6
	Exercises	T6.6

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<i>Lesson No.</i>		<i>References</i>
1	Fractions and Decimals	
	Revise equivalence	OS6.4
	Exercises	T6.3
	Possible activity (in pairs)	A6.3
	Homework	P6.3 (Q.6)
2	Long Multiplication and Division	
	Mental test	M6.1
	Worked examples	T6.4
	Exercises	T6.4
	Homework	P6.4
3	Estimating Answers	
	Worked examples	T6.5
	Activity – whole class	A6.4
	Exercises	T6.5
	Homework	P6.5 (Q.9 and 10)
4	Brackets in Calculations	
	Basic ideas on order of calculation	OS6.5
	Activity – equivalent expressions	OS6.6
	Significant figures and decimal places	OS6.7 and 6.8
	Memory button on calculator	T6.6
	Exercises	T6.6
	Homework	P6.6 (Q.1 and 2)
5	Upper and Lower Bounds	
	Activity to introduce ideas	A6.6
	Exercises	T6.7
	Mental Test	M6.3
	Homework	P6.7 (Q.5 and 6)

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<i>Lesson No.</i>		<i>References</i>
1	Decimals: Revision	
	Mental test	M6.1
	Revision of concepts	OS6.1
	Equivalence of fractions and decimals	OS6.4
	Exercises	T6.2 and/or 6.3
2	Estimating Answers	
	Worked examples	T6.5
	Activity – whole class	A6.4
	Exercises	T6.5
	Homework	P6.5 (Q.9 and 10)
3	Brackets in Calculations	
	Basic ideas on order of calculation	OS6.5
	Activity – equivalent expressions	OS6.6
	Significant figures and decimal places	OS6.7 and 6.8
	Memory button on calculator	T6.6
	Exercises	T6.6
Homework	P6.6 (Q.1 and 2)	
4	Upper and Lower Bounds	
	Activity to introduce ideas	A6.6
	Exercises	T6.7
	Mental Test	M6.3
	Homework	P6.7 (Q.5 and 6)
5	Rational and Irrational Numbers	
	Recurring decimals	A6.7
	Exercises	T6.8
	Homework	P6.8 (Q.5, 6 and 7) or A6.8
6	Surds	
	Worked examples	T6.9
	Exercises	T6.9
	Mental test	M6.4
	Homework	P6.9 (Q.3 and 4)