

UNIT 9 *Data Analysis*

## Lesson Plans

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<i>Lesson No.</i>		<i>References</i>
<b>1</b>	<b>Averages</b>	
	Introduction	OS9.1
	Exercises	T9.1
	Homework	P6.1 (Q. 9, 10, 11)
<b>2</b>	<b>More on Averages</b>	
	Activity	A9.1
	Exercises	T9.2
	Homework	P9.2 (Q.5, 6)
<b>3</b>	<b>Tally Charts</b>	
	Introduction	OS9.2
	Exercises	T9.2
	Homework	P9.2 (Q. 9, 10, 11)
<b>4</b>	<b>Calculations with the Mean</b>	
	Introduction	T9.3
	Worked examples	T9.3
	Exercises	T9.3
	Mental Test	M9.1
	Homework	P9.3 (Q. 7, 8)
<b>5</b>	<b>Grouped Data</b>	
	Introduction	OS9.3
	Worked examples	T9.4
	Activity – whole class	A9.7
	Exercises	T9.4
	Homework	P9.4 (Q. 1–4)
<b>6</b>	<b>Estimates</b>	
	Mental Test	M9.2
	Activity	A9.2
	Exercises	T9.4
	Homework	P9.4 (Q. 9, 10, 11)

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<i>Lesson No.</i>		<i>References</i>
<b>1</b>	<b>Averages</b>	
	Review	OS9.1
	Exercises	T9.1
	Homework	P9.1 (Q. 5, 6)
<b>2</b>	<b>Tally Charts</b>	
	Introduction	OS9.2
	Exercises	T9.2
	Homework	P9.2 (Q. 9, 10, 11)
<b>3</b>	<b>Calculations with the Mean</b>	
	Introduction	T9.3
	Worked examples	T9.3
	Exercises	T9.3
	Mental Test	M9.1
	Homework	P9.3 (Q. 7, 8)
<b>4</b>	<b>Grouped Data</b>	
	Introduction	OS9.3
	Worked examples	T9.4
	Activity – whole class	A9.7
	Exercises	T9.4
	Homework	P9.4 (Q. 1–4)
<b>5</b>	<b>Estimates</b>	
	Mental Test	M9.2
	Activity	A9.2
	Exercises	T9.4
	Homework	P9.4 (Q. 9, 10, 11)
<b>6</b>	<b>Cumulative Frequency</b>	
	Introduction	OS9.4
	Worked Examples	A9.5
	Exercises	T9.5
	Homework	P9.5 (Q. 1, 2)

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**7 Inter-quartile Range**

Introduction: Comparing Data

OS9.4 and 9.5

Exercises

T9.5

Activity

A9.2 or 9.3

Homework

P9.5 (Q. 8, 9)

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## E

<i>Lesson No.</i>		<i>References</i>
<b>1</b>	<b>Review of Averages</b>	
	Introduction	OS9.1 and 9.2
	Activity	A9.1
<b>2</b>	<b>Calculations with the Mean</b>	
	Introduction	T9.3
	Worked examples	T9.3
	Exercises	T9.3
	Mental Test	M9.1
	Homework	P9.3 (Q. 7, 8)
<b>3</b>	<b>Grouped Data</b>	
	Introduction	OS9.3
	Worked examples	T9.4
	Activity – whole class	A9.7
	Exercises	T9.4
	Homework	P9.4 (Q. 1–4)
<b>4</b>	<b>Estimates</b>	
	Mental Test	M9.2
	Activity	A9.2
	Exercises	T9.4
	Homework	P9.4 (Q. 9, 10, 11)
<b>5</b>	<b>Cumulative Frequency</b>	
	Introduction	OS9.4
	Worked Examples	A9.5
	Exercises	T9.5
	Homework	P9.5 (Q. 1, 2)
<b>6</b>	<b>Inter-quartile Range</b>	
	Introduction: Comparing Data	OS9.4 and 9.5
	Exercises	T9.5
	Activity	A9.2 or 9.3
	Homework	P9.5 (Q. 8, 9)

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**7 Standard Deviation**

Introduction OS9.6

Exercises T9.6

Normal Distribution OS9.7–9.9

Mental Test M9.3 or 9.4

Homework P9.6 (Q. 4, 59)