MBF 3CI

Chapter 3: One-Variable Statistics

Date	Торіс	Entertainment
Thurs. Oct. 5 [Kitchener Klash]	Begin Next Unit: 3.1 Sampling Techniques (Day1)	Worksheet: #1, 2, 3
Fri. Oct. 6 (Powwow)	3.1 Sampling Techniques (Day2) Creating a Stratified Sample	p. 108 #7, 8, 9
	Word Wall starts	pp. 106-107 #1-4
Mon. Oct. 9	☺ Thanksgiving ☻	
Tues. Oct. 10	Collect and Analyse Data – Bias in Data (3.2)	pp.114-117 #1 to 5, 7 to 14 * Answer for 3ad is incorrect – should be MEASUREMENT bias.
Wed. Oct. 11	QUIZ TOMORROW (on Sampling Techniques) Word Wall/Take-up homework Display Data (3.3) (Day1)	* Ensure students know about wrong answer in back of text for #3ad pp.125-126 #1 and 4 pp.125-126 #2 and 3
	QUIZ 3.1 (Sampling Techniques)	Be Ready for Tomorrow's Quiz
Thurs. Oct. 12 [Interim Reports]	In-class Assignment Sampling Techniques: Stratified Samples	Worksheet: "Practice with Stratified Samples" p. 110 Investigate 1 #1, 2, 3, 5, 6
	Samping Teeninques. Stratified Samples	YOU NEED YOUR TEXTBOOK!!
Fri. Oct. 13 chromebook (Chromebooks)	3.3 Display Data (Day2) (<i>Chromebook</i>)	In-class Assignment (Submit 3 Google Sheets Files during class)
	In-class <u>chromebook</u> Assignment: Textbook Needed	Investigate 2/Method 3 (pp.121-122) using <i>Google Sheets</i> (* in step 6, change 120 to 130)
		p.127 #5b (Google Sheets), 6 (Google Sheets), pp.127-128 (Written) #7, 9, 11
Mon. Oct. 16	3.4 Measures of Central Tendency (Day1)	Word Wall pp.136-137 #1, 2, 7ab
Tues. Oct. 17	Go over "Central Tendency - With Outliers, Large vs. Small Data Sets.xls"	Word Wall
	3.4 Measures of Central Tendency (Day2)	pp.136-138 #4, 5, 6, 7c, 9
Wed. Oct. 18 [Parents' Night]	Start Measures of Spread Part 1 : 3.5 Standard Deviation and Variance (Day1)	Word Wall
		pp.145-146 #2ab, 5ab, 6ab, 7d, 8
Thurs. Oct. 19 Chromebook (Chromebooks)	3.5 Measures of Spread Part 2 : Quartiles and Box and Whisker Plots	YOU NEED YOUR TEXTBOOK!! In-class Assignment (Submit 2 Google Sheets during class)
	(Chromebook) In-class <u>chromebook</u> Assignment: Textbook Needed	Lab Activity Worksheet 1d (<i>Google Sheets</i>), 2 (p.140 Investigate) (<i>Google Sheets</i>), + p.145 #1, p.146 #9
Fri. Oct. 20	In-class Assignment 3.5 Standard Deviation and Variance (Day2)	Worksheet "Practice with Measures of Spread" pp.145-147 #2c, 4, 10, 11 * Answer for 11a is incorrect – should be std. dev.=0.067 cm

Mon. Oct. 23	Word Wall	pp.153-155 #1 to 4, 6 to 8
	3.6 Common Distributions	(You NEED graph paper for #7)
Tues. Oct. 24	Formative Assessment (Topics 1-4)	
	Review Part 1	p.156 #1ab, 4, 5 (for #5a & #5b, the answer in the text is missing a type of bias), 6, 8, 9, 10, 11a*
		* Answer for 11a is incorrect – should be variance =275, std. dev.=16.6
		p.109 #11ac, 12
Wed. Oct. 25	Word Wall	pp.158-159 #1 to 4, 5a*,5b, 6 to 9*, 10**
	Review Part 2	* Answers incorrect – should be 5a) there is also measurement bias, 9) variance =204.49, std. dev.=14.3
Thurs. Oct. 26	Correct Review	pp. 174-175 #2abc, 4*, 6(on graph paper),
	(Begin Unit 4 - Quadratics Part I)	10(on graph paper)
	4.1 Modelling with Quadratic Relations	*4a) is incorrect, the answer should be 4 m
Fri. Oct. 27	UNIT 3 SUMMATIVE	
Mon. Oct. 30 chromebook (Chromebooks)	Gizmos Activity	Gizmos Activity
	(Chromebook)	pp. 212-213 #1, 2*
	(4.2, 4.3, 4.4) The Quadratic Relation	*For #2, a detailed graph is not required;
	$y = a(x - h)^2 + k$	just do a "sketch".

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"Data don't make any sense, we will have to resort to statistics."