

Year 9 Math
Statistics work requirements [1st edn]

Name:

Topic	Knowledge	Skill	Ability
9G Summarising Data (p. 583) Learning Goal: calculate statistical measures of centre Success Criteria: calculated statistical measures from 'practical' data		3 (a,c,e,g), 4 (a,c), 6-8	8, 10 (a,c,e), 11, 13
9H Stem and Leaf Plots (p. 591) Learning Goal: display data in an informative way Success Criteria: put data into stem-and-leaf plots, and found statistics from the plots	3 (a,c,d), 8, 10	4, 5a, 6, 7	9, 11
9I Grouped Data (p.597) Learning Goal: present data to show frequency of results Success Criteria: created frequency histograms	6, 7, 9a	4, 5, 8, 9 (b,c)	10, 13, 14
9J Measures of Spread (p. 604) Learning Goal: describe how spread out data is Success Criteria: determined range, quartiles, and interquartile ranges of data	2, 3 (a,c,e), 4	5 (a,b), 6	7, 8, 10, 11 (a,b,c,d)
9K Box Plots (p. 610) Learning Goal: visually display showing how spread out data is Success Criteria: created boxplots and interpreted these	4, 5, 8, 9, 10	6 (a,c), 7	Must do 14

Extension: (Yr 10 Book 2nd edn)

Topic	Knowledge	Skill	Ability
9E Standard Deviation (p. 692) Learning Goal: use the standard deviation Success Criteria: calculated standard deviation, with and without technology	1 (no calculator), 2 (a,c),	3, 6	10*