MANHATTEN WORMS – USING CRICKET COMMENTARY TO DRAW GRAPHS

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This workshop provides participants with the opportunity to create their own Worm graphs and Manhattan graphs as seen during cricket coverage on television. It will be useful to Senior phase Mathematics teachers and Mathematical Literacy teachers who are introducing learners to real-life graphs. Any cricket enthusiast will also enjoy the workshop.

During the workshop participants will create an Excel spreadsheet which enables them to enter the number of runs scored over by over using data from www.espncricinfo. As the number of runs is entered into the spreadsheet, participants can see the effect it has on their graphs.

Participants will learn how to set up an Excel spreadsheet using formula. They will also learn how to draw graphs in Excel. Participants can also use their graphs to develop interpretive questions on the graphs for their learners.