

Anticipating Students' Responses and Monitoring Their Work

Strategy	Who and What	Order
Table	Group 1 started with increments of 1 but then gave it up and used increments of 20 Groups 2, 3, and 4 used increments of 10	
Graph	Group 1 used a calculator to create a graph from their table Group 2 made a sketch of a graph but did not plot the points Group 3 and 4 each made a graph from their table	
Equation	Group 5 made an equation and then created a graph by using 0 minutes and 100 minutes Group 6 started with the equation and used it to create a table of values incremented by 5	
Other	Group 3 had trouble understanding the context of the problem Group 4 confused the axis on their initial graph Group 6 was confused about notation and initially had used .4 instead of .04	

Fig. 4.4 Nick Bannister's completed chart for monitoring students' work on the Calling Plan task

Group 1: Tamika, Nina, Harold, Kisha

Group 2: Camilla, Jason, Lynette, Robert

Group 3: Devas, Andrea, Yolanda, Chris

Group 4: Mary, Jessica, Richard, Colin (50 minutes)

Group 5: James, Tony, Christine, Melissa

Group 6: Latasha, Derrick, Tanya, William (50 minutes)