Ri Off the Shelf Masterclass: Bats to Bytes

Worksheet 1 – Batting Challenge Data Collection

Take it in turns to swing the bat for each of the three types of shot: a straight drive, a defensive block, and a pull shot. For each attempt, record the type of shot, then analyse the data from the micro:bit. Each person in your team should give their opinion on which graph the data matches the closest. Once everyone in your team has completed each shot, decide as a team which type of shot is shown by each graph.

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| **Batter Name** | **Type of shot***(Drive / Block / Pull)* | **Which graph does the data match the closest… A, B, or C?** |
| **Person 1** | **Person 2** | **Person 3** |
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Above is Graph B. We think Graph B shows a ……… …………………………………**pull**…….. shot.

Above is Graph A. We think Graph A shows a ……………**defensive block**…………………………….. shot.

Above is Graph C. We think Graph C shows a …………………………**straight drive**……….. shot.