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| **Year 5 Autumn 1 Design and Technology – Programming Adventures** | | |
| Key facts   * The first toy robot was believed to be a yellow, boxy robot from Japan * It is believed to have emerged in the 1930’s * Later most toy robots were made in America * Programmable toys can use buttons on the device or separate handsets * Today programmable toys can be used with voice controls * Input – data that a computer/device receives * Output – data that a computer/device sends | robot  dog    caterpillar  crocodile      coding toys  Beebot | |
| Vocabulary   * floor robot * input * output * Beebot * adventure * materials * properties * obstacles * design criteria * evaluate | Adventure maps |