**LEGO Robotics - Primary**

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| Workshop | LEGO Robotics |
| Key Stage | Key Stage 2 (see footnote) |
| Recommended Age Group | 7-14 (see footnote) |
| PoS | Computing |
| Course Description | Utilising the LEGO® Education WeDo 2.0 Sets, in pairs students will build and program their own interactive model. Covering key Computing topics such as algorithms, Boolean, repetition in programs, debugging & inputs and outputs |
| Duration | 45 Minutes |
| Equipment | LEGO® WeDo 2.0 Construction Sets  Computers  LEGO® WeDo 2.0 Construction and Programming Database |
| Capacity | 30 students |
| Lesson Objectives | * Students will learn key terms in computer programming and understand their role in day to day life * Students will understand what they are inputting and how this affects the actions of their model * Through effectively working in pairs, students will collaborate to follow numbered building instructions to create and program their model, bringing it to life |

Footnote – Although these are guidelines, students at KS3 can complete these activities if suitable