

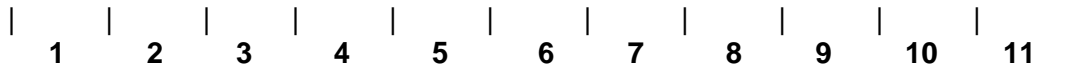


## SUGGESTED SCHEDULE FOR BUILDING MODELS

### INTER-ENGINEERING CLUBS 2018-19

#### AUTUMN TERM 11 Working weeks

<Health & Safety> <-----Solder Practice-----> <Resistor decoder> <-----Electronics Moisture Sensor-----> <-----Fuse tester-----> <-----Wind Turbine----->



#### SPRING TERM 11 Working weeks

<-----Electric Car-----> <-----BMFA Dart-----> <-----Hydraulic Arm----->



#### SUMMER TERM 12 Working weeks

<-----Radio-----> <-----Imagibot----->



#### Notes :-

- 1) Inter Engineering models are intended to progress from experience in a Club that has done Junior Engineering. However they can equally be done by children without this prior experience.
- 2) The projects may be carried out in any order but the suggested order allows the pupils to develop their skills with the tools gradually and follows a sequence in the understanding of the principles.
- 3) For logistical reasons it may be necessary to change the models supplied in the term's kits.
- 4) The Health and Safety/Use of Tools session should be held early in the first term but probably will not take the whole session. Reminders should be given before each session using tools for the first time, especially soldering.
- 5) We encourage all schools to facilitate an Engineering Visit during the academic year. It provides the pupils with the opportunity to see engineering in action in a modern environment.
- 6) Additional models are available on request if the schedule is completed before time.
- 7) Solder Practice and Resistor Decoder – it may be helpful to carry out these two projects in parallel to keep Club Members busy while soldering is being supervised.