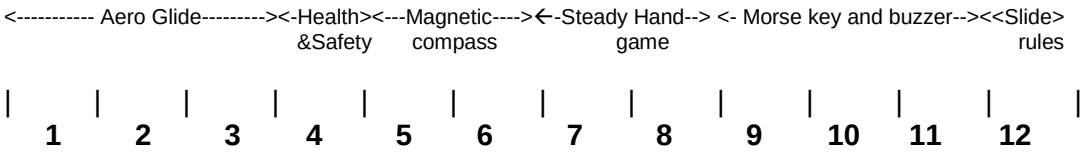
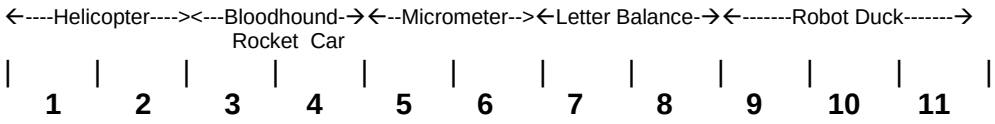
SUGGESTED SCHEDULE FOR BUILDING MODELS

JUNIOR ENGINEERING CLUBS 2018-19

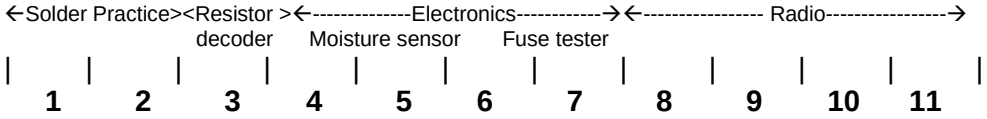
AUTUMN TERM 12 Working weeks



SPRING TERM 11 Working weeks



SUMMER TERM 11 Working weeks



Notes :-

1) 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.

2) For logistical reasons it may be necessary to change the models supplied in the term's kits.

3) 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.

4) 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.

5) Additional models are available on request if the schedule is completed before time.

6) **Electronics & Radio**
Solder Practice and Resistor Decoder - it may be helpful to carry out these two projects in parallel to keep the Club members busy while soldering is being supervised. This should be able to be completed in two weeks instead of 3. The Moisture Sensor and Fuse Tester may also be carried out in parallel, half of the Club members making the Moisture Sensor while the others are doing the Fuse Tester, thus saving one Club week time wise. Collectively this provides two additional weeks to complete the Radio i.e. 6 weeks instead of 4 weeks, while still covering the skills.