E8.1

UNIT E8 · WORKSHEET

Flowchart symbols and rules

UNIT PROGRESS

Core BUILD THE BASICS

C1 **State** the symbol used for Start and Stop. [1]

C2 **State** the symbol used for a time delay. [1]

C3 **State** the symbol used to call a sub-procedure. [1]

C4 **State** the symbol for 'Switch on pin 6'. [1]

C5 **State** the symbol for 'Wait 10 s'. [1]

C6 **State** the symbol for 'Pin 2 on?'. [1]

C7 **State** the symbol for Stop. [1]

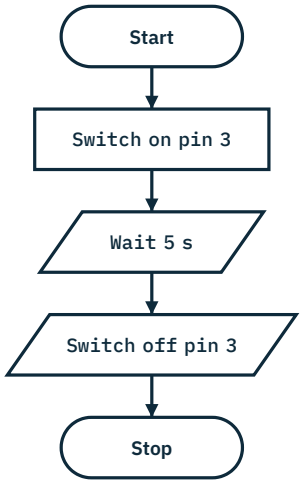
C8 **State** the page of the Data Booklet with the flowchart symbols. [1]

Stretch GO FURTHER

S1 **State** when a flow line needs an arrow. [1]

Flowchart symbols and rules

S2 Two errors are in this flowchart. **Describe** them. **[2]**



S3 **State** the name of this symbol. **[1]**



S4 A fan (pin 6) runs for 10 s when a switch (pin 2) is pressed, then stops. **Complete** the flowchart. **[5]**

Flowchart symbols and rules

Exam Ready QUALIFICATIONS SCOTLAND STYLE

E1 A fan on pin 5 runs for 10 s and then stops. **Complete** the flowchart using the Data Booklet symbols. **[4]**

E2 **Describe** the error in this symbol. **[1]**



E3 **State** when an arrow must be drawn on a flow line. **[1]**

Total: 23 marks. Use the Data Booklet. Show your working and give units.