3.1.4 Systems Approach

3.1.4

Slide 25

Key Vocabulary	Description	Example / thumbnail sketch
System Diagram		
Input Device		
Micro controller		
Process devices		
Output		

Slide 27

A lamp is designed to automatically switch on in dark conditions.

What is the input in this system?

Tick the correct answer.

- ◯ **A** Light Sensor
- ◯ **B** Microcontroller
- ◯ **C** Pressure Sensor
- ◯ **D** Switch

The figure below shows a system block diagram for a laptop computer.

Complete the diagram by adding one component that could be used in each box.

Input	Process	Output

Crumble Program

what does the product do? (Output)	how does it happen? (Process)	what happens to allow the output to work? (Input)

Systems Diagram/ Flowchart for simple program that flashes led on/off



Draw your flowchart here

DRAW THE FLOWCHART FOR YOUR CRUMBLE PROGRAM.



Draw your flowchart here