Worksheet 4: Pelican crossing

Activity 1:

Think about the things that happen at a pedestrian crossing when someone crosses the road. The green lights and red man stay on until the cross button is pressed – but what else happens? The steps that happen after the crossing button is pressed are listed below with some of the words missing.

**Watch the video clips and complete the missing words below.**

The \_\_\_\_\_\_\_\_\_\_ lights and \_\_\_\_\_\_\_\_\_\_ man are turned **ON**

If the wait sign is turned **ON**

There is a short delay

The \_\_\_\_\_\_\_\_\_\_ lights are turned **OFF**

The \_\_\_\_\_\_\_\_\_\_ lights are turned **ON**

There is a short delay.

The wait sign, \_\_\_\_\_\_\_\_\_ lights and \_\_\_\_\_\_\_\_\_ man are turned **OFF**

The \_\_\_\_\_\_\_\_\_\_ lights and \_\_\_\_\_\_\_\_\_\_ man are turned **ON**

There is a slightly longer delay

The \_\_\_\_\_\_\_\_\_\_ man is turned **OFF**

The \_\_\_\_\_\_\_\_\_\_ lights and \_\_\_\_\_\_\_\_\_\_ man are turned **ON**

There is a short delay

The \_\_\_\_\_\_\_\_\_\_ lights and \_\_\_\_\_\_\_\_\_\_\_ are turned off

The \_\_\_\_\_\_\_\_\_\_ lights are turned on

Activity 2:

Now you have broken the problem down into smaller steps draw a flowchart in the space below to describe the problem. Remember this is a problem that has no end; it just keeps on repeating forever.