Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Introduction to programming**

Programming is about problem solving and sequencing events in the correct order.

Remember what you are doing is telling probably the most stupid thing on the planet – a computer, what and how to do something.

In order to get started I’d like you to think of a process, something that everyone has done before. Namely, making a *cheese sandwich!*

Now you’re probably thinking, ok, he’s finally lost it, call the men in white coats and remind them to bring the straight jacket! But go with me on this one for a few mins before you risk certain death and reach for the mobile telephone whilst in school to call the funny farm.

Imagine you are programming a robot (a computer with mobility) to make a cheese sandwich.

Think about what is involved and the process as a whole. Then think about the steps you would take to make a cheese sandwich (you can assume all of the ingredients are available in the kitchen and that the robot can identify where they are . e.g. walk to fridge, walk to cupboard containing bread.

Once you have thought about all of this make a list of how you would make your sandwich *in the correct order.* **(do this on the back of the sheet!)**

And hey presto (because I couldn’t actually figure out how to write that funny French saying correctly) **You’ve just made a program!**