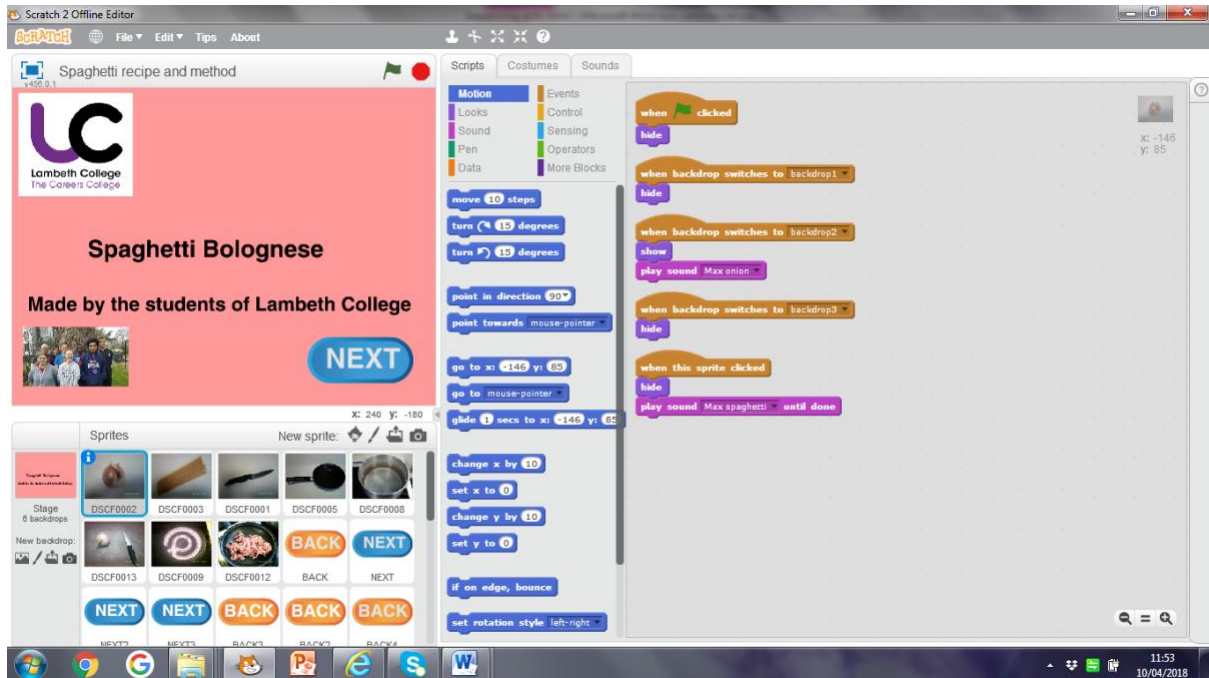


## Sequencing skills



One of the keys to the success of the Scratch Healthy Eating project, with students for whom writing can be difficult, was in the preparation and development of the students' thinking skills **through a series of visual sequencing activities**. To help the students to understand the logical steps needed for effective coding, each stage of the Spaghetti Bolognese recipe was carefully **decomposed**, itself an important computer coding concept. Photographs of each stage in the cooking process were taken. Large, full-page printed copies were made (below), and, having already made the recipe in the college kitchen, the students were asked to sequence the pictures:



- To arrange the necessary equipment:



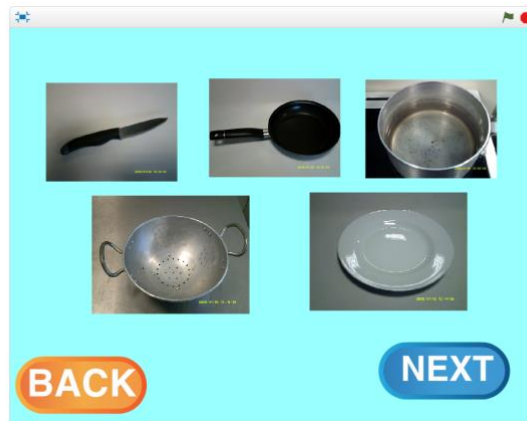
- To show how they prepared the ingredients:



- And how to cook them:



Coding in Scratch therefore **repeated a process that the students had already experienced**. This careful preparation ensured that, when the students were looking on the college Moodle for photographs to sequence within the Scratch coding environment, they already had a clear idea of the process that they were trying to program and present:



Paul Sebuliba, below, who was invited to visit the college, immediately saw links between this activity and his work as an Occupational Therapist.



Sequencing skills are an important aspect of his own support work within the community. Accordingly, we are now working to develop new ideas for teaching materials that he may be able to use as part of his professional work.

Because Paul needs to show such recipes to his clients on a tablet or a smartphone, we are looking forward to developing the use of Scratch 3, as it will probably be called, which allows this.