

Learning to Cook Scrambled Egg! (LoiLoNote)

Tech Tools

4+:1 student:tablet ratio

As part of a series of cooking classes designed to help them become more independent, students with learning disabilities practiced and learned how to cook scrambled eggs. Kyoko Nishimura, Kyoto West General Special Support School.

Outline of the Class

As part of a series of cooking classes designed to help students with learning disabilities develop life skills needed to become independent, teacher Kyoko Nishimura, Kyoto West General Special Support School, introduced LoiLoNote as a way to help students follow and remember the steps of the recipe.

LoiLoNote's Application

The aim of the class was for students to follow a pre-prepared recipe to cook scrambled egg and to wash up and clear away equipment together at the end.

Before the lesson, teaching staff used LoiLoNote to create a sample video showing the various steps of the recipe. They photographed each step, joined the photo cards together and added voiceover of simple instructions ("Break the eggs", "Scramble the eggs" etc.), then exported it as a video file.

Until now, teaching staff had created cooking manuals for students manually using printed photographs mounted on card, laminated and bound together. However, this was a time-consuming process and extra supervision was still necessary to explain written instructions on the cards orally to some students who are unable to read.

In class, each student was equipped with an iPad with the video pre-loaded on it. They operated the iPad themselves and followed the step-by-step instructions in the video to cook scrambled egg.



A Voice from the Classroom

Ms. Nishimura was delighted to see many more students than usual able to successfully complete the recipe with minimal supervision. She attributes this to LoiLoNote's advantages over traditional paper cooking instruction manuals. For example, since students were in charge of their own iPads, each student was able to replay the video as many times as needed to check the steps, while audio voiceovers eliminated barriers for students who cannot read.

More able students in the class also create "My Recipe Book", an e-portfolio of their recipes, which is not only a lasting record of their achievements but also a useful reference tool. Ms. Nishimura was impressed at how LoiLoNote's visual and intuitive features and ease of use greatly simplified this process, so that she hopes to be able to roll out this task to a wider range of students: "Since we can make cooking manuals more easily than before and they remain as reference materials for future use, we can extend the manual-making task to more students now."