

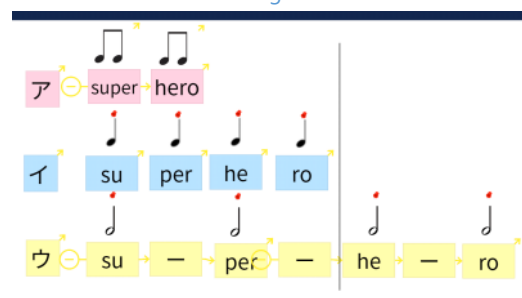


The fourth graders created their own musical scores using the LoLo Note School application on their Microsoft Surface Pros. In groups, students used English words to create original rhythms that they eventually presented and performed in front of the class. The students wrote and delivered their presentations in English (second language). Thanks to the flexibility of the Surface Pro, and the suite of Microsoft applications such as Teams, OneNote, and PowerPoint, the creation and delivery of this set of lessons was possible.

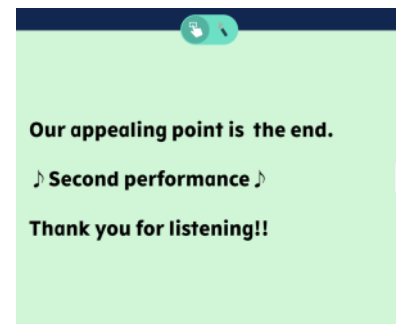
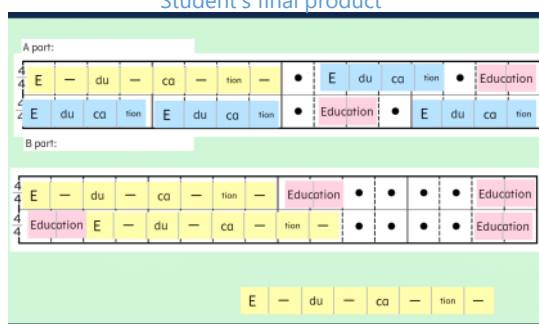
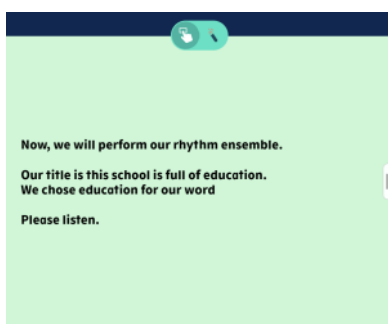
Besides the music and English goals of the lesson, the primary objective was for students to collaborate with each other in small groups. According to the 21CLD rubric, collaboration scored a 4.

Students worked together, shared responsibility fairly, and made substantive decisions. They had to decide what words, rhythm, and ideas they wanted to present as a group. They also had to come up with a name for their performance and share what they thought were the appealing points of their works. The actual performances were only a part of the final goal.

Teaching slide



Student's final product



Direction of sound



Microsoft Surface Pro

At Tanaka Gakuen Ritsumeikan Keisho Primary School, all the teachers and students grade 3 and above use Microsoft Surface Pros. Because students are continually switching classrooms, having a portable computer is necessary. Having the option of using the attached keyboard w/ trackpad or using the touch screen w/ stylus or finger, the Surface Pro gives students and teachers incredible accessibility and flexibility. While most of the time students feel comfortable using the keyboard w/ trackpad, other times using the touch screen is the better option. Since it's a Microsoft device, it works well with all of the Microsoft applications that we have come to depend on in our daily lives. And thanks to the heavy duty rugged case, students can take them anywhere without any worries. There have been music classes conducted outside where students have taken notes on the direction of sound and recorded the sounds of nature on their Surface Pros as well.

Microsoft Teams, OneNote, SharePoint, and OneDrive

These programs are indispensable tools for communicating and planning lessons with my colleagues. Because all my classes are team taught with two teachers, and because we have different schedules and aren't always able to meet with each other, being able to share ideas and plans over the cloud and being able to update our presentations and materials in real time is a huge aid to us. Microsoft Teams is also used to share ideas between students and teachers.

Outside note-taking

