

Julie Verge Westcliffe Composite School

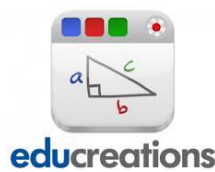
Grade and Subject: Grade Five, Math

Focus: Collaboration

Outcome: N5.3

Demonstrate, with and without concrete materials, an understanding of division (3-digit by 1-digit) and interpret remainders to solve problems.

Students used Educreations to create a short mini lesson on how to divide 3 digit by 1 digit numbers.



or iPad.

Educreations is a recordable whiteboard app. It records voice, handwriting and also allows the user to insert pictures to produce personal video lessons that students can share online. Their lessons are stored online and can be accessed by students on any computer

Process:

Students began independently to work out a plan deciding what the script would be and what “props” and/or pictures would be used in the mini lesson. They then recorded their mini lesson using the Educreations app.

After the initial creation they shared their mini lesson with their small group in order to teach their classmates the division process. The group then discussed the strengths and areas of improvement for the mini lesson. The creator was then able to improve their mini lesson before we shared the lesson with the whole class and parents on my blog (<http://msjverge.edublogs.org/grade-5-math/>).

Summary: Students were able to demonstrate their understanding of the division process and their thinking around it through the mini lesson. Students collaborated to provide feedback to each other in order to further increase each other's understanding of the division process. Students can revisit all the mini lessons on their iPad or computer at home or at a later date to review and refresh the division process.

Examples of Student's Work:

[Cassidy's Mini Lesson](#)

[Brock's Mini Lesson](#)

[Zackary's Mini Lesson](#)

I also used a similar process with the grade ones learning addition and subtraction.

Outcome: N1.9 Demonstrate an understanding of addition of numbers with answers to 20 and the corresponding subtraction facts, concretely, pictorially, physically, and symbolically.

Each student made an addition story and shared their stories by recording on Educreations. We shared as a class and with parents via my blog.