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ABSTRACT

A new method of learning that I acquired from my experience was using smartphones in the classroom. This is a good method to add to the way of learning. The most useful application of smartphones in the classroom was to utilize QR codes. Every student with a tablet or smartphone will be able to access and read QR codes. Explanation of how to use these codes should be incorporated into the lesson plan. This will be a useful activity to engage students in the classroom.

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INTRODUCTION











A new method of learning that I acquired from my experience was using smartphones in the classroom. This is a good method to add to the way of learning. The most useful application of smartphones in the classroom was to utilize QR codes. Every student with a tablet or smartphone will be able to access and read QR codes. Explanation of how to use these codes should be incorporated into the lesson plan. This will be a useful activity to engage students in the classroom.



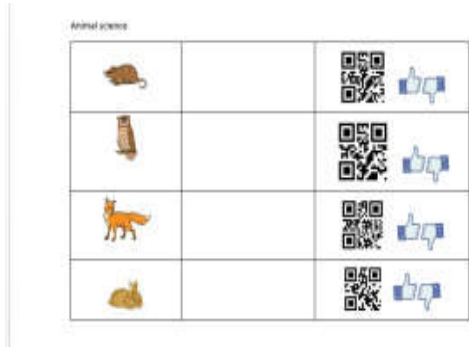
In order to use QR codes, I chose to create a lesson about math for four grade. This lesson included a multiplication worksheet to help the student understand how to multiply better. This worksheet has three columns. Problems are given in the first column, with space to answer in the second column.

The QR code connected with the correct answer is provided in the third column. Students are asked to first answer the question on their own. Then they will scan the QR code with their smartphone to check their answer. If their answer is correct, the student can circle a ‘thumbs up’ image, and a ‘thumbs down’ image if their answer is incorrect. Connecting the QR codes was easy. I simply accessed the website www.qrstuff.com and was able to connect the code with a link to a

website, YouTube video, Facebook, plain text, etc. I selected to connect the code with plain text to write the correct answers. My lesson (1) is Math

$7 \times 12 =$		 
$7 \times 3 =$		 
$6 \times 12 =$		 
$8 \times 3 =$		 
$6 \times 11 =$		 

This product seemed extremely useful, so I chose to create another lesson using QR codes. This time the lesson involved animal science. Similar to the math lesson, I created another worksheet. For this topic, I provided pictures of animals in the first column and connected the QR codes to the correct animal names. The second column was, once again, used as a place for the student to write the name of the animal. My lesson (2) is Animal science



Reference

- Miller, A. (2011). Twelve ideas for teaching with QR codes. *Mobile Learning*. Retrieved from <http://www.edutopia.org/blog/QR-codes-teaching-andrew-miller>
- QRStuff. (2015). *QR stuff*. Retrieved May 30, 2016, from <http://www.qrstuff.com>
- Roebuck, K. (2011). *Qr code: High-impact strategies - what you need to know: Definitions, adoptions, impact, benefits, maturity, vendors*. Australia: publisher not identified.

In summary, I like this website. I found it very interesting, especially for elementary school. The activities were helpful to strengthen student understanding of the material from class. I intend to use this tool in the future in my classroom.

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