

**Digital Citizenship Lesson Plan**  
**Multiplication Madness**

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| <b>General Topic (as defined in the Digital Literacy Framework)</b>  | <b>CTA2</b> |
| Critical Thinking, Problem Solving, and Decision Making<br>a) Specialized and Advanced Skills for Learning   |             |
| <b>Applicable Grade Range</b>  |             |
| 3-5  |             |
| <b>Outcome(s) to be Addressed</b>  |             |
| The student is able to build meaningful knowledge through interaction with digitally available resources.  |             |
| <b>Importance / Significance of Lesson</b>   |             |
| It is important for students to understand that everybody learns at their own pace and in their own way. For some that means a teacher led lesson, others learn by reading, still others with hands on practice. With technology as a resource, students have access to lessons provided in a number of different formats (reading, videos, hands on practice all included) and students can work to find one that suits their individual needs. This lesson approaches multiplication in a variety of ways.   |             |
| <b>Duration</b>  |             |
| 3-4 20 minute lessons (easily completed in one week)   |             |
| <b>Overview</b>  |             |
| <p>This website was created as part of a course for my OLTD program; however, I feel good knowing it can be used by others. It is specific to our needs in class (planning for our end of the year field trip) but the methodology is there and teachers could adapt it to suit their needs – follow through what is applicable to them and then use the model to create questions that are applicable to their own needs.</p> <p>The entire lesson is housed on the website and students can work their way through at their own pace. Teachers will need to set up student accounts on Xtramath.com prior to implementing the lesson (free online accounts available or \$4.99 for the app in the App Store), as well as their own wall on padlet.com to work from (free account is required).</p> |             |

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| <b>Required Resources</b>  |
| Computer hooked up to a projector<br>Class set of laptops/access to the computer lab<br>Set of class accounts for Xtramath.com   |
| <b>Lesson Plan and Extension Activities</b>  |
| Follow through the steps included on the website: <a href="http://krisswardoltd507.weebly.com/">http://krisswardoltd507.weebly.com/</a>  |
| <b>Adaptations</b>   |
| Younger students might need more assistance in using the different tools or more support in applying what they've learned.<br>Older students might find the topic simplistic, but could use it as a model to create a lesson unit for other students. The Khan Academy site is also a huge resource and students can get extra challenge by watching videos on more challenging concepts and doing extra practice questions based on what they've learned. |
| <b>Additional Resources</b>  |
| <a href="https://xtramath.org/">https://xtramath.org/</a><br><a href="https://www.khanacademy.org/">https://www.khanacademy.org/</a><br><a href="https://www.padlet.com/wall">https://www.padlet.com/wall</a>  |
| <b>Cross-curricular Outcomes Also Addressed</b>  |
| Language Arts – reading and viewing for information  |

~developed by Kristin Sward, 2014



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