

**Digital Citizenship Lesson Plan**  
**Lifelong Learning**

<b>General Topic (as defined in the Digital Literacy Framework)</b>	<b>TE2</b>
Technology Operations and Concepts e) Learning About and With Digital Technologies	
<b>Applicable Grade Range</b>	
3-5	
<b>Outcome(s) to be Addressed</b>	
The student uses a digital environment for lifelong learning (formal or informal).	
<b>Importance / Significance of Lesson</b>	
The internet is an amazing resource for information on how to do just about anything. Students need to understand that they can access information and videos that will help them to learn many concepts and use it to develop knowledge and understanding throughout their entire lives.	
<b>Duration</b>	
30-45 minutes Approximately 25 minutes of videos to watch as well as discussion.	
<b>Overview</b>	
<p>The class will watch three videos on a variety of topics to show evidence of the wealth of information available to them on the internet.</p> <p>Please note that two of these videos are from Youtube channels and so teachers must be cautious of advertisements on the page and the potential for inappropriate comments in the discussion on each video.</p>	
<b>Required Resources</b>	
Computer hooked up to a projector	

## Lesson Plan and Extension Activities

Introduce the concept that information on a variety of topics can be found on the internet. By grade 3 students have likely used a search engine to find information on a topic. If not, try a quick google search using a computer hooked up to a projector to show them the basics of how internet searches work.

Video 1 – Rainbow Loom <http://www.youtube.com/watch?v=vhxMLLIWjRE>

This video is a bit long but shows in detail how to make an iPod case using a Rainbow Loom. The girl is quite detailed in her information and takes viewers step by step through the process. You don't need to watch the entire 15 minute video, watching half and then skipping to the end should give a good indication of how you could work through the process.

Ideas for discussion:

- What did you learn?
- Does it look easy or hard?
- Do you think you could make an iPod case using this video?
- Read some of the comments in the discussion below the video. Do any concerns come to mind before you begin?
- What problems have other people had in following the directions in the video and are there any solutions proposed?

Video 2 – Bow Drill set <http://www.youtube.com/watch?v=JuFsDN8dsJU>

This video is a little bit different. In this video a boy is trying to use a bow drill that he has made to create a spark and start a fire. He is struggling to get it to work and so he created and posted this video asking for help in what he is doing wrong. The value in this video is in the discussion posts after the video where viewers make suggestions and share their ideas of how to make it work.

Ideas for discussion:

- Is there value in asking for help in this way?
- Read some of the discussion posts. Do you think the creator of the video got enough help in order to make his bow drill work better?
- This is a case where a lot of people wanted to help out and gave suggestions for how to improve the drill. Are there situations where asking for help in this way might not work out as well (i.e. Open up the author to ridicule or be too hard or too easy to solve)?

Video 3 – Multiplication <https://www.khanacademy.org/math/arithmetic/multiplication-division/mult-div-concept/v/multiplication-intro>

The Khan Academy website houses a number of very informative and effective videos on a variety of subjects, however the math concept videos are detailed and well laid out to show students step by step instructions of how to do everything from adding and subtracting to complex algebra. These videos can be used to teach students a new concept, support prior knowledge by revisiting a concept before working with it in class or remind students how to solve a problem when they are attempting to complete their work at home with little guidance or support.

Ideas for discussion:

- What did you learn?
- Could you see this sort of video helping you to complete your homework?
- Was the video easy to follow and understand?
- Do a little further searching on the site to see if there is a video about a Math concept you are working on in class right now. Would you find this resource helpful?

Summary discussion:

Reiterate that the internet is a vast resource of information, as well as a great place to find ‘how to’ videos and discussions on just about any subject. Here we tied one part to the actual curriculum and two parts to general interest in everyday life. As students grow up they will be able to find a variety of informational guides on everything from how to hang a picture, change the oil in a car, lay laminate flooring, design a vegetable garden, take an online course, etc., etc.

### **Adaptations**

Videos can be tailored to the topics of interest for any age group. Teachers can also use this idea to bring videos into the classroom for any topic of study.

### **Additional Resources**

<http://www.youtube.com/watch?v=vhxMLLIWjRE> - Rainbow Loom iPod case

<http://www.youtube.com/watch?v=JuFsDN8dsJU> - Bow drill set

<https://www.khanacademy.org/math/arithmetic/multiplication-division/mult-div-concept/v/multiplication-intro>

### **Cross-curricular Outcomes Also Addressed**

Math – a huge collection of videos on Math concepts are available from Khan Academy

Language Arts – information on how to develop a good story, how to write a factual report, how to cite resources, etc., can all be found with a simple search

Science – how to videos on any number of topics are available online

Social Studies – informational videos on a variety of subjects and historical events are also available.

~developed by Kristin Sward, 2014



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