

# STEM Fair Resource

Issue #1 – Digital Presentation Options 9/11/2014

Office for Teaching and Learning

## Prezi



[www.prezi.com](http://www.prezi.com) (App Available)

Prezi presentation software is user friendly for most grade levels and easily accessed on district-issued technology. Examples of science/STEM fair Prezis are available on their website. In the event a student makes it to the district STEM fair, their presentation can be printed to apply to a display board by following the tutorial at the link below:

<https://prezi.com/support/article/sharing/printing-a-prezi/?lang=en>

## Haiku Deck



[www.haikudeck.com](http://www.haikudeck.com) (App Available)

Haiku Deck is rich in graphic design to help enhance any student's project. They have a gallery available to help gain inspiration for possible layout ideas. In the event a student makes it to the district STEM fair, their presentation can be printed to apply to a display board by following the tutorial at the link below:

<https://haikudeck.zendesk.com/hc/en-us/articles/202231293-Printing>

## iMovie

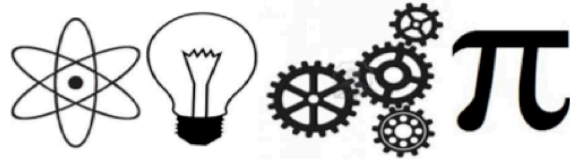


[www.apple.com/mac/imovie/](http://www.apple.com/mac/imovie/) (App Available)

iMovie lends itself to be a truly engaging way to present a STEM Fair project and its research. Students can create their own news program or documentary to report their data. This is a way to bring their exploration to life. In the event a student makes it to the district STEM fair, their presentation can be printed to apply to a display board by following the tutorial at the link below:

<http://support.apple.com/kb/ph2317>

## Pasco County Schools Elementary STEM Fair

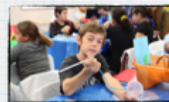


### Important STEM Fair Info:

April 18, 2015 – Elementary STEM Fair

March 27, 2015 - Entry Due Date

*Don't forget to visit the Elementary Learning Network on CANVAS!* <https://pasco.instructure.com/courses/43001>



CRITICAL THINKING



COMMUNICATION



COLLABORATION



CREATIVITY

"Children need to explore and to discover. This is how you innovate; you fail your way to your answer. Scientists fail all the time; we just brand it differently. We call it data."  
-Anisa Ramirez

### *Do you have questions or need additional assistance?*

#### *Contact Information:*

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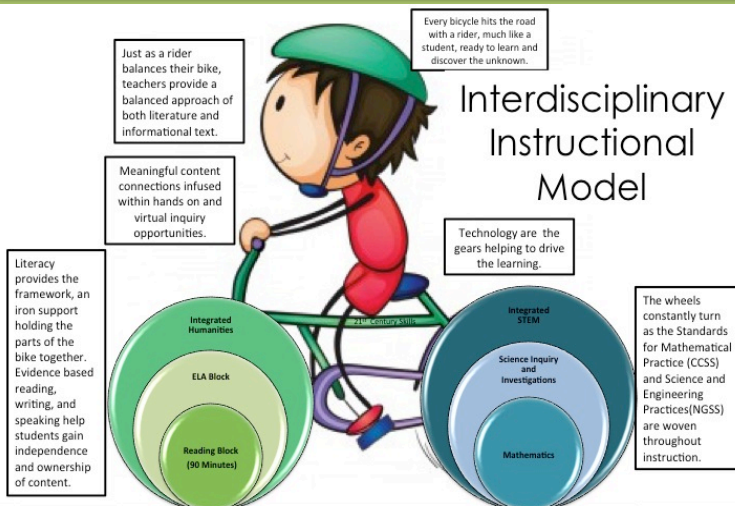
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# Making Connections to STEM Fair:



College Career Life Ready!

As educators, our goal is to guide our students down a path to achieve their grade level standards. Designing rigorous and relevant learning opportunities that call students to read, write, and speak in order to build content knowledge will allow students to develop, refine, and reflect on their new learning.

Grade Level	Big Idea 1: Practice of Science
K	<ul style="list-style-type: none"> <li>Observations using the 5 senses</li> <li>Keeping records (pictorial) of investigations</li> </ul>
1	<p>Adds:</p> <ul style="list-style-type: none"> <li>Keeping records (written)</li> <li>Compare observations with others</li> <li>Raise questions based on evidence ("How do you know?")</li> </ul>
2	<p>Adds:</p> <ul style="list-style-type: none"> <li>Raise questions based on investigations</li> <li>Use systematic observations</li> <li>Observations vs inferences</li> <li>Justify conclusions using evidence</li> </ul>
3	<p>Adds:</p> <ul style="list-style-type: none"> <li>Seek reasons to explain differences across groups</li> <li>Keeping records (charts and graphs)</li> <li>Infer based on observation (evidence)</li> <li>Empirical evidence (ie observations/ measurements validate explanations)</li> </ul>
4	<p>Adds:</p> <ul style="list-style-type: none"> <li>Science does not always follow the scientific method but uses observation and empirical evidence</li> <li>Science involves creativity in designing experiences</li> <li>Answer science questions and cite evidence for support</li> </ul>
5	<p>Adds:</p> <ul style="list-style-type: none"> <li>Define a problem</li> <li>Plan and carry out various types of investigations/ repeated trials</li> <li>Identify variables and control group</li> <li>Collect, organize and interpret data</li> <li>Difference btw. opinion and verified observation</li> </ul>
6	<p>Adds:</p> <ul style="list-style-type: none"> <li>Analyze information</li> <li>Investigations are replicable</li> <li>Differences and benefits of different investigations</li> </ul>

### Collaboration Corner:

Do you know of any other innovative ways students can present their work? Please let us know of resources that you have used with success so that we can share them and work together to embed the design process in everything we do!

## Adobe Voice



[www.getvoice.adobe.com](http://www.getvoice.adobe.com) (App Available)

This is an easy way to incorporate technology into presenting a STEM Fair project. You can add voice, music and photos. The drawbacks of this approach are the limitations of adding presentation slides or printing. In the event a student makes it to the district STEM fair, students will have to create slides to place on a display board.

## Explain Everything



App Available for download

Much like how students use this app in the classroom, students can take a series of photos during a science experiment. They can use Explain Everything to explain what happened during the experiment and why the results occurred to clearly show their thinking. In the event a student makes it to the district STEM fair, their presentation can be printed to apply to a display board by following the tutorial at the link below:

<http://www.makingtechsimple.com/explain-everything>

## FlipSnack



[www.flipsnack.com](http://www.flipsnack.com)

Students can use this software to do their own digital storytelling in a flipbook form. In the event a student makes it to the district STEM fair, their presentation can be printed to apply to a display board by following the tutorial at the link below:

<http://www.flipsnack.com/faq.html>

## PowToon



<http://www.powtoon.com/edu-home/>

Students can utilize this hi interest software with a user intuitive interface to bring their STEM Fair project to life. In the event a student makes it to the district STEM fair, the task of turning this presentation into slides to put on a display board can be time consuming. This process would involve taking screenshots of the PowToon video.