

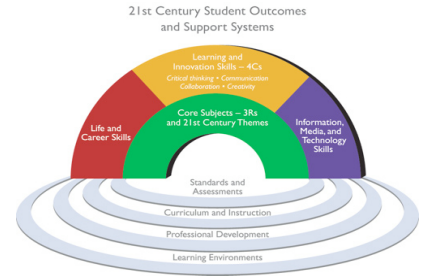


P21 - It's Important to Understand the Framework

Partnership for 21st Century Skills (P21) is a national organization that advocates for 21st century readiness for every student. Students need to be properly prepared to compete in the global economy that they will be working in. Aligning the P21 skills into your curriculum will allow the

students to learn the skills they will need to be successful in their college and adult lives. The basic outline of the framework is "fusing the three R's with the 4 C's (critical thinking and problem solving, communication, collaboration, and creativity and innovation)." We need to be sure we are upgrading our

curriculum to meet the needs of our students.



Upgrading Curriculum and Assessments

Janet Hale posed a great question during her PD sessions in September: "If you haven't updated your practice and methodology, then what year are you really preparing your students for?" If you say that you are preparing them for 2020, and to be productive global citizens, then does your program integrate 21st Century skills and technology in task-specific ways? Does your program involve many opportunities for collaboration, critical thinking, analysis, and evaluation? Do the students own the learning in your classroom? Or does the teacher still control everything? We need to align

curriculum in such a way that the WAY we teach and the WHAT we teach are specifically represented in a relatable way that matches the way students are being assessed.

How are you assessing the students? How are you showing evidence of learning? If everything you do is objective and summative, then how do you know for sure what your students know and are able to do? I found it helpful to look at this like a puzzle. The summative is only one piece of the puzzle. Formative, in the moment assessment, needs to be

happening as well. These formative pieces aren't meant to be mini-objective tests, but multiple "snapshot" opportunities to determine curricular directions without waiting for an "end-point" (summative) assessment. The other piece of the puzzle is verbal assessment. Students need the opportunity to articulate in an oral way what they are learning. If they are unable to provide evidence of learning in the teacher's valued framework, they need to have opportunities to do so in a framework they are familiar with: talking it out!

How Does Technology Fit Into the Framework?

Technology can't be in your teaching just because it's there. It has to have a pedagogical purpose. It has to be task-specific and thought of as tools in a toolbox. You have to have a variety of tools in your toolbox and be able to know which one will be the best tool for the job. It also has to be represented on MULTIPLE LEVELS. A teacher using a PowerPoint is certainly

using technology, but who owns the learning if the teacher did all the work? The kids need to be the creators. We need to value the creators over the creations, and enable the students to use the technology to build and construct knowledge. As far as comfort levels...you don't need to know how to fix the engine in order to drive the car. All you have to do is be willing to

add tools to your students' toolboxes that you may not intimately know. If students are going to "OWN" the learning in your classroom, be willing to let them teach each other and you. Just fill up their toolboxes—and in the process, yours will fill as well!



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Check Out These Sites!

Animals: Explore, Discover, Connect

<http://www.seaworld.org/>

This is an awesome site from Sea World and Busch Gardens for lessons, activities, resources, grants and more!

Maps of the World

<http://www.mapsofworld.com/>

Many different types of maps, interactive and downloadable.



Help Needed!!

If you are knowledgeable about Senteo Student Response Systems, and are willing to share your knowledge, please contact me at dbruno@dioceseofcleveland.org!

Funding Opportunities

Toshiba America Foundation

<http://www.toshiba.com/taf/>

At this site you will find ongoing grants for \$5,000.00 or less and time sensitive grants for more than \$5,000.00!

International Reading Assoc.

Many grants available in many different categories!

<http://www.reading.org/Resources/AwardsandGrants.aspx>

NSTA Awards

Several opportunities for science grants.

<http://www.nsta.org/about/awards.aspx>

Registration Deadline Nov. 30th

WVIZ Advisory Council Meeting: Free Event on Cyberbullying

The Diocese of Cleveland is a member of WVIZ advisory council. The council has monthly meetings free of charge that a representative

from your school can attend. The October meeting is on Cyberbullying, click on the link if you for more information or to register

for the event: <http://www.wviz.org/education/workshop/32290/>



Professional Development for Leaders in Technology

Don't miss out on the year-long series of professional development just for the leaders of technology. The series begins with a daylong in-service on November 11, 2010 which focuses on 21st century skills of creativity, collaboration, critical

thinking skills and communication for the digital age learner. By participating in the series you will also have an opportunity to be involved in an online professional learning community with other technology leaders from across the

diocese. Please go to our website: <http://www.oce-ocs.org/oce/register> for more details and to register.

Registration deadline is Friday, October 29th. Don't miss out on this awesome opportunity!



Professional Development

Check out the Office of Catholic Education Offerings

<http://www.oce-ocs.org/oce/register>

- Education Technology Offerings
- **November 17th - Learn what a Wiki is and how this tool can help!**
- Preschool Offerings
- Art Museum
- LPDC/Entry Year

Other PD Opportunities:
The Center for Learning Professional book groups
<http://www.centerforlearning.org/c-119-book-groups.aspx>

WVIZ Ideastream

<http://www.wviz.org/education/index>



Resources

OCE Ed Tech Page

http://www.oce-ocs.org/oce/teachers/teacher_resources.shtml

Janet Hale's Site

<http://www.curriculummapping101.com/Curriculum21>

<http://www.curriculum21.com/index.php?path=/home>

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