

COURSE TITLE: iPad APPS for ALL CLASSROOMS: Pre/K-12

WA CLOCK HRS: 60
OREGON PDUs: 60

NO. OF CREDITS: 6 QUARTER CREDITS
[semester equivalent = 4.00 credits]

INSTRUCTOR: Debora Supplitt
supplitt@comcast.net

COURSE DESCRIPTION:
This course meets OSPI's STEM requirements

With this course, educators will explore countless apps and endless resources available for use in Pre-K, elementary, middle school or high school settings. Participants will select either Bloom's Taxonomy, Gardner's Multiple Intelligences or SMAR digital pedagogical framework to support their choice for developing the best digital curriculum for their program. We will begin with the basic foundation of how to select great apps for your digital education toolkit and continue to explore different individualized curriculum areas that meet your teaching grade level, program and/or specialty areas. Finally, we will expand this developed curriculum with the provided downloadable evaluative digital app rubrics and formative assessments that may help to support and guide you through the app selection process. The online, self-guided, bibliography lists tons of resources. There are apps to access, upload, explore, discover, and implement to enhance your curriculum.

This course is excellent for any individual, collaborative group study or professional development cohorts wishing to take their iPad curriculum to the next level.

Additional cost may apply for equipment and downloads:

- Must have an iPad 1 or later iOS 5.1 or later
- Downloaded e-Textbook: Choice of one of three: \$9.99 each.
- Ten to fifteen (10-15) selected apps (price ranging from free to \$4.99 or more)
- Downloaded Kindle e-book and iBooks (Free) with downloaded iBooks 3, or a Mac with iBooks 1.0, or later, plus OSX 10.9 or later access via iTunes Facebook

- LEARNING OUTCOMES:** Upon completion of this course, participants will have:
1. A theoretical pedagogical foundation to support the development of digital iPad curriculum.
 2. Enhanced knowledge and understanding of the use of iPad apps in the classroom.
 3. Develop digital applications resource list.
 4. Downloaded digital apps that may support and transform the classroom curriculum.

COURSE REQUIREMENTS:
Completion of all specified assignments is required for issuance of hours or credit. The Heritage Institute does not award partial credit.

HOURS EARNED:
Completing the basic assignments (Section A. Information Acquisition) for this course automatically earns participant's their choice of CEUs (Continuing Education Units), or Washington State Clock Hours or Oregon PDUs. The Heritage Institute offers CEUs and is an approved provider of Washington State Clock Hours and Oregon PDUs.

UNIVERSITY QUARTER CREDIT INFORMATION

REQUIREMENTS FOR UNIVERSITY QUARTER CREDIT
Continuing Education Quarter credits are awarded by Antioch University Seattle (AUS). AUS requires 75% or better for credit at the 400 level and 85% or better to issue credit at the 500 level. These criteria refer both to the amount and quality of work submitted.

1. Completion of Information Acquisition assignments 30%
 2. Completion of Learning Application assignments 40%
 3. Completion of Integration Paper assignment 30%
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CREDIT/NO CREDIT (No Letter Grades or Numeric Equivalents on Transcripts)

Antioch University Seattle (AUS) Continuing Education Quarter credit is offered on a Credit/No Credit basis; neither letter grades nor numeric equivalents are on a transcript. 400 level credit is equal to a "C" or better, 500 level credit is equal to a "B" or better. This information is on the back of the transcript.

AUS Continuing Education quarter credits may or may not be accepted into degree programs. Prior to registering determine with your district personnel, department head or state education office the acceptability of these credits for your purpose.

ADDITIONAL COURSE INFORMATION

REQUIRED TEXT

Apps for Learning for the Elementary School Classroom. Andrew Church and Harry Dickens Digital download: \$9.99 or Amazon paperback: \$22.50. Or Innovate with iPad: Lessons to Transform Learning in the Classroom. Karen Lirerman and Kristen Wideen (2016). Amazon paperback \$24.91 Or Apps for Learning for the Middle School Classroom. Andrew Church and Harry Dickens Digital download: \$9.99 or Amazon Paperback: \$23.50 Or 40 Best iPad/iPod/iPhone Aps for the High School Classrooms. Andrew Church and Harry Dickens. Digital download: \$9.99 Amazon Paperback: \$21.75

None. All reading is online.

MATERIALS FEE

Additional fees for downloaded textbooks approx. \$10.00 and any teacher selected apps (10-15) downloaded from the iPad App Store. The average price per iPad app ranges from free to \$9.99 or more.

ASSIGNMENTS REQUIRED FOR HOURS OR UNIVERSITY QUARTER CREDIT

A. INFORMATION ACQUISITION

Assignments done in a **course forum** will show responses from all educators active in the course. Feel free to read and respond to others comments.

Assignment #1: Introduce Yourself

Introduce Yourself: Write 1-2 pages introducing yourself and include the following:

- Describe your professional situation.
- Include reasons for being interested in this course, what you expect to take away, and your general level of experience and proficiency with iPad apps that you include within your current curriculum.

Assignment #2: Read Text (download or paperback)

Read the digital texts for your grade level shown under Assignment Resources in the Bibliography and write a 2-3 page word document discussing your selected text and some apps about that which you would like to acquire more information about. *The Teacher's Awesome App Guide*. John O'Sullivan: Category: Education.

PLUS

One of the three selected Text iBooks: (See assignment bibliography.)

Write a 1-2 page word document discussing your selected text and some apps about which you would like to acquire more information about.

Assignment #3: Pedagogical Models

Select one of the following three pedagogical models to guide the development of your curriculum framework. Create a 1-2 page word document outlining the model and the possible apps that may fit into your selected model..

DOWNLOAD & PRINT:

Access Apps in Education Posters: Overview of all models and resource list from:

CHOOSE

Church, A. (2009) Bloom's Digital Taxonomy: Education Origami, Yumpu Space.

<https://www.yumpu.com/en/document/view/31996905/blooms-digital-taxonomy-educational-origami-wikispaces>

PLUS

Shrock, K. (2020) Schrock's Guide to Blooms Digital Taxonomy site:

<https://www.schrockguide.net/bloomin-apps.html>

OR

Gardner's Multiple Intelligence: Education Origami, Wiki Space.

<https://www.verywellmind.com/gardners-theory-of-multiple-intelligences-2795161>

PLUS

Gardner's iPad Apps: Langwitches.org

<http://langwitches.org/blog/wp-content/uploads/2012/08/Gardners-iPad-apps.jpg>

OR

SAMR Digital Framework:

<http://mmhsipads.files.wordpress.com/2013/06/20130602-093403.jpg>

PLUS

SAMR Model: Educators Technology post, access different posted examples: Including 40 apps for the SAMR Model.

<http://www.educatorstechnology.com/search/label/Samr%20model>

PLUS

A Wonderful Visual on the SAMR Model: Educators Technology. <http://www.educatorstechnology.com/2013/04/this-is-how-to-integrate-technology-in.html>

Assignment #4: Review Handouts

Review the following four handouts.

Access and read Tony Vincent's Blog post it. This download is an overview of app rubrics. <http://learninginhand.com/blog/ways-to-evaluate-educational-apps.html>

AND

Tony Vincent's Educational App Evaluation Rubric

<http://static.squarespace.com/static/50eca855e4b0939ae8bb12d9/50ecb58ee4b0b16f176a9e7d/50ecb593e4b0b16f176aa974/1330908312793/VApp-Rubric.pdf>

AND

Tony Vincent's Educational App Evaluation Checklist.

<http://static.squarespace.com/static/50eca855e4b0939ae8bb12d9/50ecb58ee4b0b16f176a9e7d/50ecb593e4b0b16f176aa976/1330884481041/VApp-Rubric.pdf>

PLUS

Download and print: *The Digital Rubric and Assessment for selecting an app for curriculum development.* Silvia Rosenthal Tolisano iPad App Evaluation 10 page pdf:

<http://langwitches.org/blog/wp-content/uploads/2012/05/iPadAppEvaluation.pdf>

AND

Kathy Schrock's Evaluation for iPad Apps. www.schrockguide.net/uploads/3/9/2/2/392267/evalipad_content.pdf

From the four downloads write a 1-2 page word document discussing which iPad evaluation model you would choose to use to evaluate apps for your program, and how may this evaluation model might benefit or influence your future selection of classroom curriculum apps in the future.

Assignment #5: Access Sites

- Access: <https://www.teachthought.com/?s=Education+iPad+apps>
- Lists for Learning. This powerful site will be another resource for selecting curriculum apps for enhancing your classroom curriculum
- Access this sites and search for any chosen area; Reading, Math, Science.....Choose a core subject that best represents your teaching area or interest. Using the chosen rubric you selected in Assignment #4 review and evaluate a minimum two, (2+) or more, chosen and downloaded apps.
- Access the tab from your pedagogical framework you have chosen and downloaded in Assignment #3. ("Either Bloom's, Multiple Intelligence", or SMAR these can be broken down under the "Multiple Intelligence, CBL or Blooms" tab. Using your rubric, review

and evaluate one (1+) chosen apps per modality or domain. This represents a total of (6-8+) selected apps, or more, to explore, evaluate and review.

- Access the “Nets” Tab: Select and review one (1) chosen app from one of the following areas: Communication, Creativity, Research, Critical Thinking, Digital Citizenship, or Technology Operations (1+ or more apps).
- Access Teacher Tab: Select and review one chosen apps; one app from Management and one app from Resources. (1+)
- This will be a minimum of ten (10+) or more apps to download and review.

PLUS

- Access the Podcast tab. Choose one of the educator created Podcast to review.

Activity:

Write a 3-5 page word document that reviews each downloaded and accessed app. Include the name of the apps, a picture of the icon, the company, price, URL, year it was developed, description of the app and how the app measured out with your chosen rubric. Also, for each app discuss how you might incorporate this app into your curriculum. Include an overview and review of the webcast you reviewed.

Assignment #6: App Inquiry

App Inquiry: Reviewing Inquiry Learning Model:

4 Phases of Inquiry-Based Learning:A Guide for Teachers.Te@ch Thought site:

<http://www.teachthought.com/learning/4-phases-inquiry-based-learning-guide-teachers/>

AND

Access and download:Apps for the Inquiry Process:

<http://librariansonthefly.blogspot.com/2013/09/apps-for-inquiry-process.html>

AND

36 Core Teacher Apps for the Inquiry Learning With iPads.

<http://www.teachthought.com/technology/36-core-teacher-apps-for-inquiry-learning-with-ipads/>

OR

Color Inquiry Cycle Template:

http://ict2lrnwaihopai.wikispaces.com/file/view/2304444220_945eb44d7c.jpg/139885401/2304444220_945eb44d7c.jpg

OR

Download and review the Inquiry apps for Inquiry-Using the Ladder inquiry Model.

<http://lisairwinblog.files.wordpress.com/2013/08/alberta-inquiry-cycle-with-feelings.jpg>

Activity:

Choose and download one of the three Inquiry Learning Models. Write a 2-3 page word document about Inquiry process and learning templates. Discuss how you might apply these concepts to your app curriculum development.

Assignment #7: Review Selected Apps

Review any five (5) additional selected apps from the previous lessons, readings, or apps previously accessed and downloaded for your iPad curriculum development.

Plus

From the list below or articles of your choice, read and review five STEM to STEAM Career articles.

The Conversation. 2018. Why Scientist Need Art Training. <https://theconversation.com/steam-not-stem-why-scientists-need-arts-training-89788>

McCay, D. (2019) The Balance of Careers; STEM Careers. Dotdash publishing. Accessed on 8/29/19
<https://www.thebalancecareers.com/stem-careers-525652>

mobile guardian, 4/2018. 10 of the best STEM apps for iPad – STEM Series. <https://www.mobileguardian.com/best-stem-apps-for-ipad/>
mobile guardian, 4/2018. 5 of the best Engineering apps for iPad – STEM Series. <https://www.mobileguardian.com/the-best-engineering-apps-for-ipad-stem-series/>

mobile guardian, 4/2018. 7 of the best Math apps for iPad – STEM Series. <https://www.mobileguardian.com/7-of-the-best-math-apps-for-ipad-stem-series/>
mobile guardian, 4/2018. 7 of the best Science apps for iPad – STEM Series.
<https://www.mobileguardian.com/7-of-the-best-science-apps-for-ipad-stem-series/>

Riley, S. 9/2018. Education Closet. STEAM Careers for the 21st Century. <https://educationcloset.com/2018/09/01/steam-careers-for-the-21st-century/>

From these readings select careers from two of the core STEM to STEAM areas. Write a one page paper discussing the careers from your two chosen STEM to STEAM Core areas research.

Plus

Search your selected areas for iPad Apps that best fits and support any two STEAM careers. Include these apps with your paper.

Write a summary, 1-2 page word document, of your career choices and review of the chosen apps.

ADDITIONAL ASSIGNMENTS REQUIRED FOR UNIVERSITY QUARTER CREDIT

B. LEARNING APPLICATION

In this section you will apply your learning to your professional situation. This course assumes that most participants are classroom teachers who have access to students. If you do not have a classroom available to you, please contact the instructor for course modifications. Assignments done in a course forum will show responses from all educators active in the course. Feel free to read and respond to others comments.

Assignment #8: Develop Unit Plan

Develop a four to six week unit plan enhanced with iPad apps. Download the following sites to help support your unit plan.

Elementary model to access:

<http://www.summit.k12.co.us/Page/1714>

Middle School and or High School access the following:5 E's Learning Framework:

<http://www.woodgrovesec.moe.edu.sg/wbn/slot/u2357/Curriculum%20Innovation/5E%20Learning%20Cycle.jpg>

OR

Middle School and Secondary Teachers access:The Inquiry Ladder: The Inquiry Process:

<http://blogs.kqed.org/mindshift/2013/10/the-inquiry-process/>

And all educator's access and download:

Apps for the Learning Inquiry Model:

<http://resourcelinkbce.files.wordpress.com/2013/06/apps-poster.pdf>

AND

Questions to support the development of your unit. Access and download the Inquiry Cycle Lesson Plan for the Wall:

<http://ambrit-rome.com/staff/documents/PyP/InquiryCycleForWall.pdf>

AND

Color image of Inquiry Cycle to download:

<http://primelib.pbworks.com/w/page/18467771/Research%20and%20Inquiry#TheInquiryCycle>

Classroom examples for unit plans can be access at the following sites.Adapt this model to fit your curriculum needs and include the apps selected.

Pro Diva Blog:

<http://www.prodivame.com/leighs-blog.html>

<http://www.prodivame.com/tashs-blog/planning-inquiry-together>

OR

PYP Qatar Academy Approaches to Teaching/Planning

<http://pypqaprimary.blogspot.com/p/approaches-to.html>

OR

The IB Inquiry Cycle: International School Site:

[http://intlschool.org/storage/wp-site-](http://intlschool.org/storage/wp-site-photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467)

[photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467](http://intlschool.org/storage/wp-site-photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467)

Assignment: Given the Inquiry Cycle, create a unit of study that is supported and enhanced with iPad apps. Post either a 5-6 page word document, a mind map, a Prezi or a Haiku Deck presentation of your unit plan.

Assignment #9: Implement Unit Plan

Implement the unit plan you developed in assignment # 9 and write a 3-5 page overview, include reflection and possible adjustments for each lesson. Please include mention of any specific student achievements and include samples of work products.

Assignment #10: (500 Level ONLY)

In addition to the 400 level assignments, complete **one** of the following:

Option A)

Conduct online research for articles that point to the advantages and challenges of using iPad apps for instruction, and summarize your findings in a 2-3 page paper.

OR

Option B)

Prepare and present your unit of study from assignment #9 in a Power Point, Prezi, or Haiku Deck format to your faculty, collaborative group, or to a colleague. Accompany your presentation with a 1-2 word format paper, in which you discuss any comments, adjustments, or ideas that may have been generated by your presentation.

OR

Option C)

Another assignment of your own design with the instructor's prior approval.

Post in the online response box.

C. INTEGRATION PAPER

Assignment #11: (Required for 400 and 500 Level)

SELF REFLECTION & INTEGRATION PAPER

(Please do not write this paper until you've completed all of your other assignments)

Write a 350-500 word Integration Paper answering these 5 questions:

1. What did you learn vs. what you expected to learn from this course?
 2. What aspects of the course were most helpful and why?
 3. What further knowledge and skills in this general area do you feel you need?
 4. How, when and where will you use what you have learned?
 5. How and with what other school or community members might you share what you learned?
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INSTRUCTOR COMMENTS ON YOUR WORK:

Please indicate by email to the instructor if you would like to receive comments on your assignments.

QUALIFICATIONS FOR TEACHING THIS COURSE:

Debora Supplitt M.F.A.-A.Ed./M.Ed. received her Masters (M.Ed.) and Bachelor of Art (B.A.) degree from San Francisco State University and Masters of Fine Arts in Art Education (M.F.A.-A.Ed.) from Boston University. She has worked with students of all levels, including preschool, elementary, middle school, high school and professional educators, since 1980. She is certified in Washington, Oregon and California in Pre/K-12-Adult Special and Elementary Education and is highly qualified in the core areas of Art, Music, Reading, and Special Education as well as being a trained Intervention Specialist. Debora knows the importance of providing a creative environment where all students and teachers can thrive. Presently she is working in her dream position as a full time middle school Art Teacher. Debora provides classroom teachers with the tools and resources needed to integrate art into the daily curriculum and is always busy developing new, creative and fun workshops for teachers. She is passionate about providing exciting, meaningful, useful and fun filled continuing education for all teachers.

BIBLIOGRAPHY

iPAD APPS for ALL CLASSROOMS: Pre/K-12

Akron Global Polymer Academy, P-16 Science Education. 2014. 5 steps to Engagement. University of Akron. Accessed on May 11, 2014 from:

<http://www.agpa.uakron.edu/p16/btp.php?id=learning-cycle>

Church A. and Dickens, H., 2014. Apps for Learning; 40 Best Apps for High School. Textbook for high school educators. Accessed and downloaded on May 5, 2014 from: <https://itunes.apple.com/us/book/apps-for-learning-high-school/id751930955?mt=11>

Church A. And Dickens, H., 2014. Apps for Learning: Elementary School. Textbook for elementary school educators. Accessed and downloaded on May 5, 2014 from: <https://itunes.apple.com/us/book/apps-for-learning-elementary/id751600977?mt=11>

Church, A. and Dickens, H. 2013. Apps for Learning: Middle School. Accessed and downloaded on May 5, 2014. Textbook for middle

school educators.

<https://itunes.apple.com/us/book/apps-for-learning-middle-school/id751804316?mt=11>

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Decugis, G. Scoop It, 2014. Bring Your Own Device: iPads accessed on May 11, 2014 from: <http://www.scoop.it/byod-ipads>

Grainger, S. Bloom's is a Taxonomy, 2013. Kare Givers: accessed on 5-12-14 Overview of Bloom taxonomy <http://www.karegivers.org/2013/12/blooms-is-taxonomy.html>

Hainstock, C. 2012: Bright Ideas E5 Apps for iPads in Secondary School pdf download of app chart. Accessed on May 11, 2014 from: <http://slav.global2.vic.edu.au/2012/06/25/e5-apps-for-ipads-in-a-secondary-school/#.U3IRry-vyLM>

Hallett, D. and Loader, D., 2014. iSupport SMAR aligned to Bloom's: iPad for Education: App Eco System. Accessed on May 18, 2014 from: <http://isupport.com.au/wp-content/uploads/2014/03/the-3-Cs2.001.jpg>

Kharbach, M. 2013. Bloom's Taxonomy Apps. Educational Technology and Mobile Learning. 2013 A Great Resource Section of iPad apps for teachers. Accessed on May 11, 2014 from: <http://www.educatorstechnology.com/2013/09/blooms-taxonomy-apps-great-resource.html>

Kharbach, M. 2014, New Bloom's Taxonomy Kit for Teachers: 2014 Educational Technology and Mobile Learning. Accessed, May 5, 2014 from: <http://www.educatorstechnology.com/2014/03/new-blooms-taxonomy-planning-kit-for.html>

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Overnall-Carter, B., 2014. APPitic Apps List for Educators. Maine Education School District 60. Accessed on May 12, 2014 from: <http://www.appitic.com/index.php/bloom-s/apps-for-bloom-s-taxonomy>

O'Sullivan, J. 2014. *The Teacher's Awesome App Guide*. Version 1.3. Accessed and download on May 5, 2014 from: <https://itunes.apple.com/us/book/teachers-awesome-app-guide/id680778179?mt=11>

Rosenthal-Tolisano, S., 2014. iPad App Evaluation. Accessed and downloaded on May 5, 2014 from: <http://langwitches.wikispaces.com/file/view/iPadAppEvaluation.pdf/357314390/iPadAppEvaluation.pdf>

Schrock, K., 2014. Kathy Schrock's Guide to Everything. Accessed on May 5, 2014 from: <http://www.schrockguide.net/bloomin-apps.html>

Vincent, T. 2014. Ways to Evaluate Educational Apps. Learning in Hand. Download and access Evaluation Rubric and Education App Evaluation App Checklist. Access on May 5, 2014. <http://learninginhand.com/blog/ways-to-evaluate-educational-apps.html>

ASSIGNMENT RESOURCE BIBLIOGRAPHY

ASSIGNMENT #2

O'Sullivan, J. 2014. *The Teacher's Awesome App Guide*. Version 1.3. Accessed and download on May 5, 2014 from: <https://itunes.apple.com/us/book/teachers-awesome-app-guide/id680778179?mt=11>

CHOOSE ONE:

Church A. and Dickens, H., 2014. Apps for Learning; 40 Best Apps for High School. Textbook for high school educators. Accessed and downloaded on May 5, 2014 from: <https://itunes.apple.com/us/book/apps-for-learning-high-school/id751930955?mt=11>

OR

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OR

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OR

Lirerman, K. Wideen, K. (2016). *Innovate with iPad: Lessons to Transform Learning in the Classroom*. Karen Lirerman and Kristen Wideen. https://www.amazon.com/Innovate-iPad-Transform-Learning-Classroom/dp/1945167084/ref=pd_bxgy_14_img_2?ie=UTF8&psc=1&refRID=HZWD5WNWEZRGZY0FFYPZ

ASSIGNMENT #3

Access Apps in Education Posters: Overview of all models and resource list from: Grapevine/Colleyville independent School District site: <http://www.gcisd-k12.org/Page/26911>

CHOOSE:

Bloom's Digital Taxonomy: Education Origami, Wiki Space. <http://edorigami.wikispaces.com/Bloom%27s+and+ICT+tools>

PLUS

Schrock's Gide to Bloom's Digital Taxonomy <http://www.schrockguide.net/bloomin-apps.html>

OR

Gardner's Multiple Digital Intelligence

Gardner's Multiple Intelligence: Education Origami, Wiki Space.

<http://edorigami.wikispaces.com/Gardners+Multiple+Intelligences+and+ICT>

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ASSIGNMENT #4:

Access and read Tony Vincent's Blog post. This download is an overview of app rubrics.

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AND

Download and read: Tony Vincent's Educational App Evaluation Rubric

<http://static.squarespace.com/static/50eca855e4b0939ae8bb12d9/50ecb58ee4b0b16f176a9e7d/50ecb593e4b0b16f176aa974/1330908312793/VApp-Rubric.pdf>

AND

Download and read: Tony Vincent's Educational App Evaluation Checklist.

<http://static.squarespace.com/static/50eca855e4b0939ae8bb12d9/50ecb58ee4b0b16f176a9e7d/50ecb593e4b0b16f176aa976/1330884481041/V>

PLUS

Download and print: *The Digital Rubric and Assessment for selecting an app for curriculum development.*

Silvia Rosenthal Tolisano iPad App Evaluation 10 page pdf:

<http://langwitches.wikispaces.com/file/view/iPadAppEvaluation.pdf/357314390/iPadAppEvaluation.pdf>

AND

Kathy Schrock's Evaluation for iPad Apps. www.schrockguide.net/uploads/3/9/2/2/392267/evalipad_content.pdf

ASSIGNMENT #5:

Teach and Thought: 50 Best Teaching and Learning Apps for 2016

<http://www.teachthought.com/the-future-of-learning/technology/best-teaching-and-learning-apps-for-2016/>

ASSIGNMENT #6:

App Inquiry: Reviewing Inquiry Learning Model:

4 Phases of Inquiry-Based Learning: A Guide for Teachers. Te@ch Thought site:

<http://www.teachthought.com/learning/4-phases-inquiry-based-learning-guide-teachers/>

AND

Access and download:

Apps for the Inquiry Process:

<http://librariansonthefly.blogspot.com/2013/09/apps-for-inquiry-process.html>

AND

36 Core Teacher Apps for the Inquiry Learning With iPads.

<http://www.teachthought.com/technology/36-core-teacher-apps-for-inquiry-learning-with-ipads/>

AND

Download and print the
Inquiry Cycle template:

<http://www.cjlt.ca/index.php/cjlt/article/viewFile/541/264/1752>

OR

Color Inquiry Cycle Template:

http://ict2lrnwaihopai.wikispaces.com/file/view/2304444220_945eb44d7c.jpg/139885401/2304444220_945eb44d7c.jpg

OR

Download and review the Inquiry apps for Inquiry-Using the Ladder inquiry Model.

<http://lisairwinblog.files.wordpress.com/2013/08/alberta-inquiry-cycle-with-feelings.jpg>

ASSIGNMENT #7:

Facebook Posting: To request access to the site contact: supplitt@comcast.net

ASSIGNMENT #8:

Elementary model to access: <http://www.summit.k12.co.us/Page/1714>

Middle School and or High School access the following:

5 E's Learning Framework:

<http://www.woodgrovesec.moe.edu.sg/wbn/slot/u2357/Curriculum%20Innovation/5E%20Learning%20Cycle.jpg>

OR

Middle School and Secondary Teachers access:

The Inquiry Ladder: The Inquiry Process: <http://blogs.kqed.org/mindshift/2013/10/the-inquiry-process/>

And all educator's access and download:

Apps for the Learning Inquiry Model:

<http://resourcelinkbce.files.wordpress.com/2013/06/apps-poster.pdf>

AND

Questions to support the development of your unit. Access and download the Inquiry Cycle Lesson Plan for the Wall:

<http://ambrit-rome.com/staff/documents/PyP/InquiryCycleForWall.pdf>

AND

Color image of Inquiry Cycle to download:

<http://primelib.pbworks.com/w/page/18467771/Research%20and%20Inquiry#TheInquiryCycle>

OR

Classroom examples for unit plans can be access at the following sites. Adapt this model to fit your curriculum needs and include the apps selected.

Pro Diva Blog:

<http://www.prodivame.com/leighs-blog.html>

<http://www.prodivame.com/tashs-blog/planning-inquiry-together>

OR

PYP Qatar Academy Approaches to Teaching/Planning

<http://pypqprimary.blogspot.com/p/approaches-to.html>

OR

The IB Inquiry Cycle: International School Site:

[http://intlschool.org/storage/wp-site-](http://intlschool.org/storage/wp-site-photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467)

[photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467](http://intlschool.org/storage/wp-site-photos/2012%20big%20color%20poster.jpg?__SQUARESPACE_CACHEVERSION=1345156003467)