

# **Inquiry Boot Camp Resource Links**

## **Tools for Mastery**

**By Mary Ratzer**

### **Getting Started with the Inquiry Model**

**Learning for Life– Building Toolkit– AASL – Inquiry**

<http://www.ala.org/ala/mgrps/divs/aasl/aaslissues/toolkits/bldnqlvl/building4.cfm>

**AASL–Web Tools for Standards for the 21<sup>st</sup> Century Learners—**

<http://www.acrl.org/ala/mgrps/divs/aasl/guidelinesandstandards/learning4life/resources/el10s1.cfm>

[http://www.ala.org/ala/mgrps/divs/aasl/guidelinesandstandards/learning4life/resources/EL%20L4L%20bookmark\\_v2.pdf](http://www.ala.org/ala/mgrps/divs/aasl/guidelinesandstandards/learning4life/resources/EL%20L4L%20bookmark_v2.pdf)

**Intel– Designing Effective Projects**

<http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/>

**Intel– Characteristics of Projects**

<http://www97.intel.com/my/ProjectDesign/Design/ProjectCharacteristics/>

**Identifying Inquiry in the K–5 Classroom– NSF on the run guide**

[http://www.nsf.gov/pubs/2000/nsf99148/ch\\_10.htm](http://www.nsf.gov/pubs/2000/nsf99148/ch_10.htm)

**University of Indiana Resources** <http://www.virtualinquiry.com/inquiry/inquiry3.htm>

**Focus on Inquiry – Alberta – Teacher Guide** <http://education.alberta.ca/media/313361/focusoninquiry.pdf>

**YouthLearn Initiative at EDC**

<http://www.youthlearn.org/learning/planning/lesson-planning/how-inquiry/how-inquiry>

**Institute for Inquiry** <http://www.exploratorium.edu/IFI/resources/index.html>

**Edutopia- Teaching for Meaningful Learning –**

<http://www.edutopia.org/pdfs/edutopia-teaching-for-meaningful-learning.pdf>

**Nebraska State Education Department – PBL**

[http://www.education.ne.gov/21stcccl/Conference/ProjectBasedLearning/PBL\\_Research\\_Brief.pdf](http://www.education.ne.gov/21stcccl/Conference/ProjectBasedLearning/PBL_Research_Brief.pdf)

### **Questioning Techniques and Assessment**

## YouthLearn– Asking Questions

<http://www.youthlearn.org/learning/teaching/techniques/asking-questions/asking-questions>

## Intel– Curriculum Framing Questions

<http://www97.intel.com/my/ProjectDesign/Design/CurriculumQuestions/>

## Intel: Developing Good Questions

[http://www97.intel.com/my/ProjectDesign/Design/CurriculumQuestions/Developing\\_Good\\_Questions.htm](http://www97.intel.com/my/ProjectDesign/Design/CurriculumQuestions/Developing_Good_Questions.htm)

## Intel –Transforming Your Classroom with Effective Questioning

[http://www97.intel.com/my/ProjectDesign/Design/CurriculumQuestions/Transforming\\_Classroom\\_Effective\\_Questioning\\_Practices.htm](http://www97.intel.com/my/ProjectDesign/Design/CurriculumQuestions/Transforming_Classroom_Effective_Questioning_Practices.htm)

## Defining and Designing Essential Questions

### What is an Essential Question – Grant Wiggins–

<http://www.authenticeducation.org/bigideas/article.lasso?artId=53>

MathStar. *Essential Questions*. New Mexico State University College of Education..

[http://mc2.nmsu.edu/mathnm/exploration1/unit/content\\_questions.html](http://mc2.nmsu.edu/mathnm/exploration1/unit/content_questions.html)

McKenzie, J. (1996). Framing Essential Questions. *From Now On*, 6(1).

<http://www.fno.org/sept96/questions.html>

Clifford, P. & Friesen, S. *Creating Essential Questions*. Galileo Educational Network.

[http://www.galileo.org/tips/essential\\_questions.html](http://www.galileo.org/tips/essential_questions.html)

## Strategies for Engaged Learning

NCREL Indicators of Engaged Learning <http://www.siue.edu/~jandris/engaged/engaged.html>

Science Teacher Inquiry Rubric – Student directed learning rubric

<http://www.lehigh.edu/~amb4/stir/stir.pdf>

REACTS TAXONOMY– Product Design– NYC–

New York City– Graphic Organizers for Inquiry

<http://schools.nyc.gov/NR/ronlyres/2BD1C6F6–E583–41E8–9D8A–8578447FBF9A/0/IFCK12PriorityBenchmarkSkillsandAssessments.pdf>

NYC Project Based Learning: Inspiring Middle School Students to Engage in Deep and Active

Learning [http://schools.nyc.gov/documents/teachandlearn/project\\_basedFinal.pdf](http://schools.nyc.gov/documents/teachandlearn/project_basedFinal.pdf)

**Concept Mapping – Advance organizers** <http://www.csudh.edu/dearhabermas/advorgbk02.htm>

**Designing Research Projects That Students and Teachers Love– Johnson**

<http://www.doug-johnson.com/dougwri/designing-research-projects-students-and-teachers-love.html>

**The Essential Cognitive Backpack– Prepared Graduates– Mel Levine**

<http://www.ascd.org/publications/educational-leadership/apr07/vol64/num07/The-Essential-Cognitive-Backpack.aspx>

## **Assessing Inquiry Units, Plans, Projects**

**Authentic Assessment Toolbox – Jon Mueller**

<http://jonathan.mueller.faculty.noctrl.edu/toolbox/>

**AASL– Self–Assessment Strategies**

[www.aasl.ala.org/aaslstandindtf/images/f/fa/5Self-Assessment.doc](http://www.aasl.ala.org/aaslstandindtf/images/f/fa/5Self-Assessment.doc)

**Evaluation in an inquiry classroom** <http://inquiry.illinois.edu/php/assessment2.php>

**Assessing Student Work – Project Based**

[http://homepage.mac.com/seilts/udl\\_at/resources/Assessment/Assessment%20and%20PBL.pdf](http://homepage.mac.com/seilts/udl_at/resources/Assessment/Assessment%20and%20PBL.pdf)  
[ning](#)

**Inquiry Lesson Scoring Rubric– Illinois State University–**

<http://www.phy.ilstu.edu/pte/311content/inquiry/Inquirylessonscoringrubric.pdf>

**Intel– Assessing in Projects**

[http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/assessing\\_projects\\_1.htm](http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/assessing_projects_1.htm)

**Intel– Unit Plan Rubric**

[http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/Project\\_Rubric.htm](http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/Project_Rubric.htm)

**Intel–Project Checklist**

[http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/Project\\_Checklist.htm](http://www97.intel.com/my/ProjectDesign/Design/PlanningProjects/Project_Checklist.htm)

## **Collaboration and Inquiry**

<http://virtualinquiry.com/specialist/collaboration1.htm>

**Curriculum Collaboration Toolkit – Noodletools– Inquiry**

<http://www.noodletools.com/debbie/consult/collab/8inquiry.html>